

FIG. 1

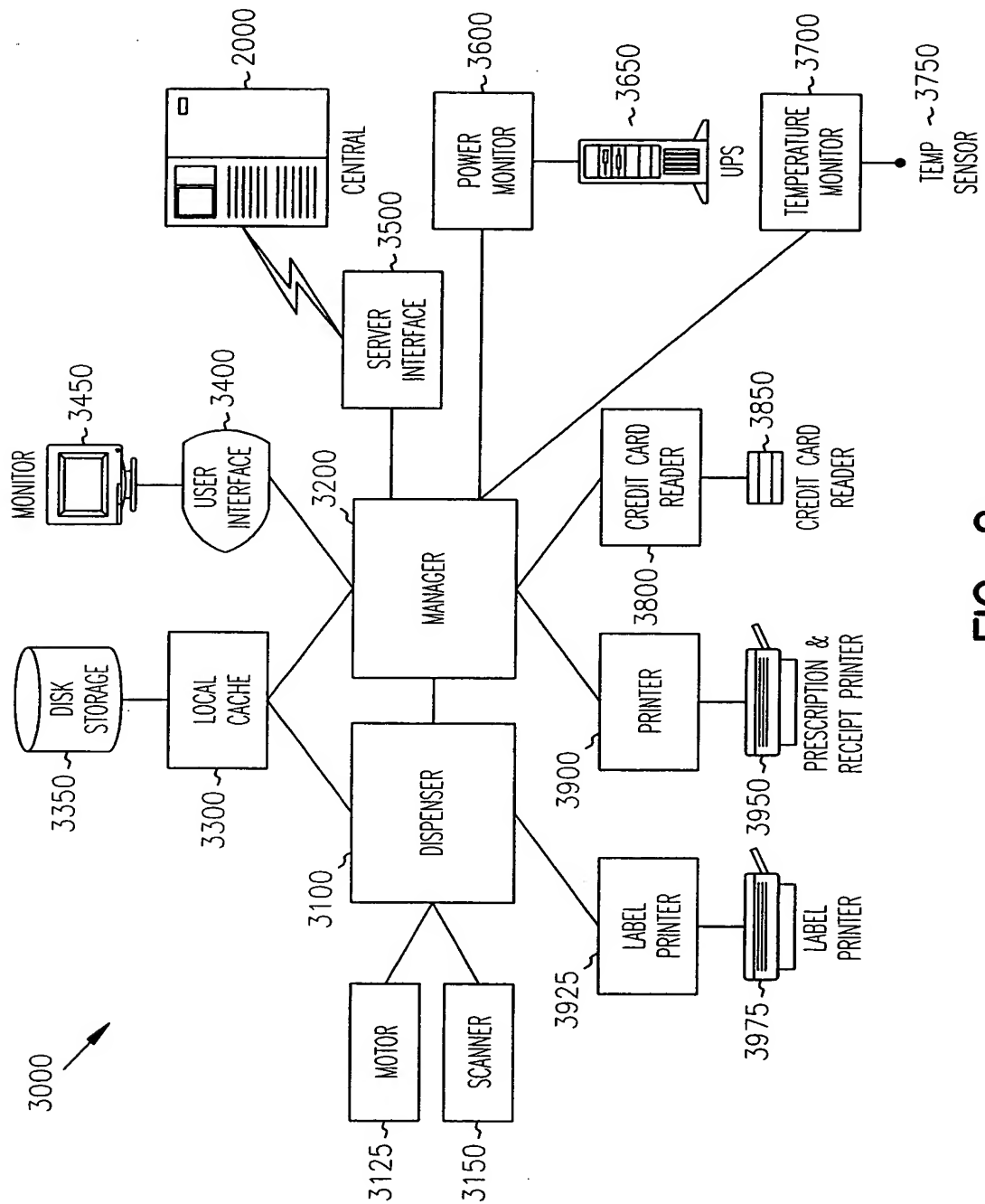


FIG. 2

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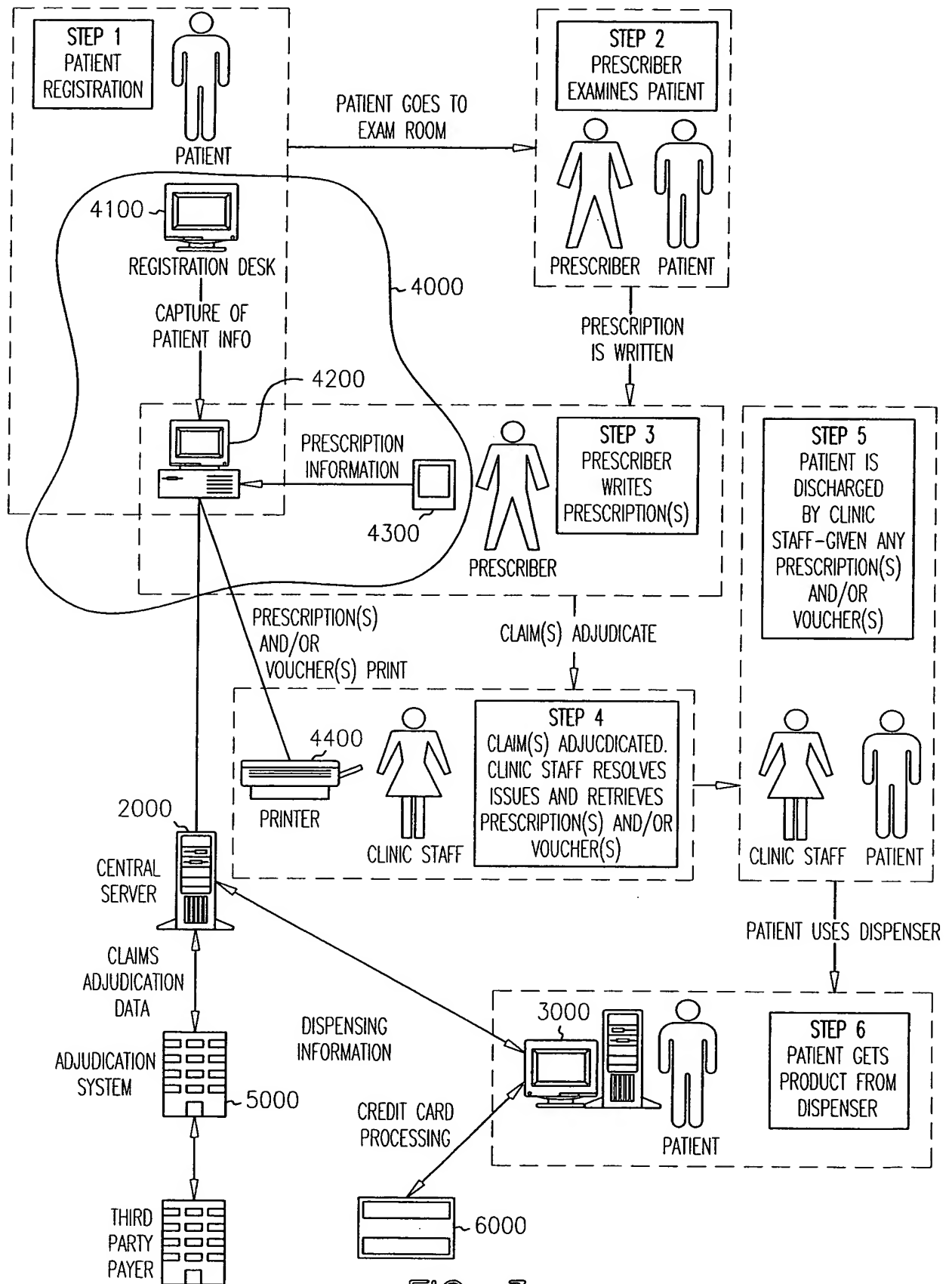


FIG. 3

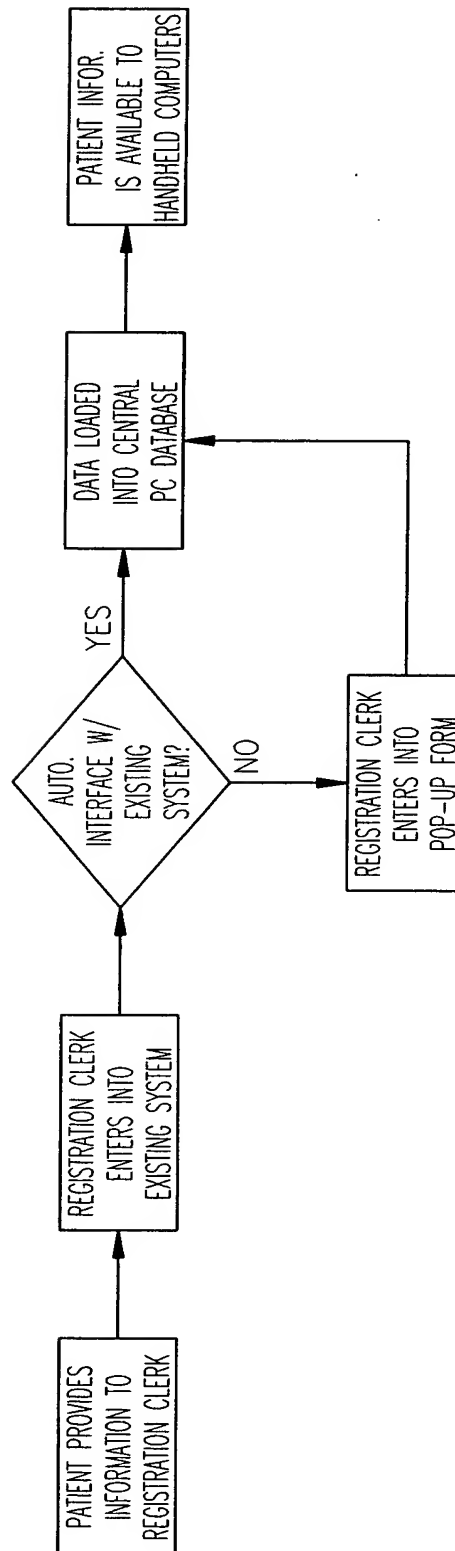


FIG. 4

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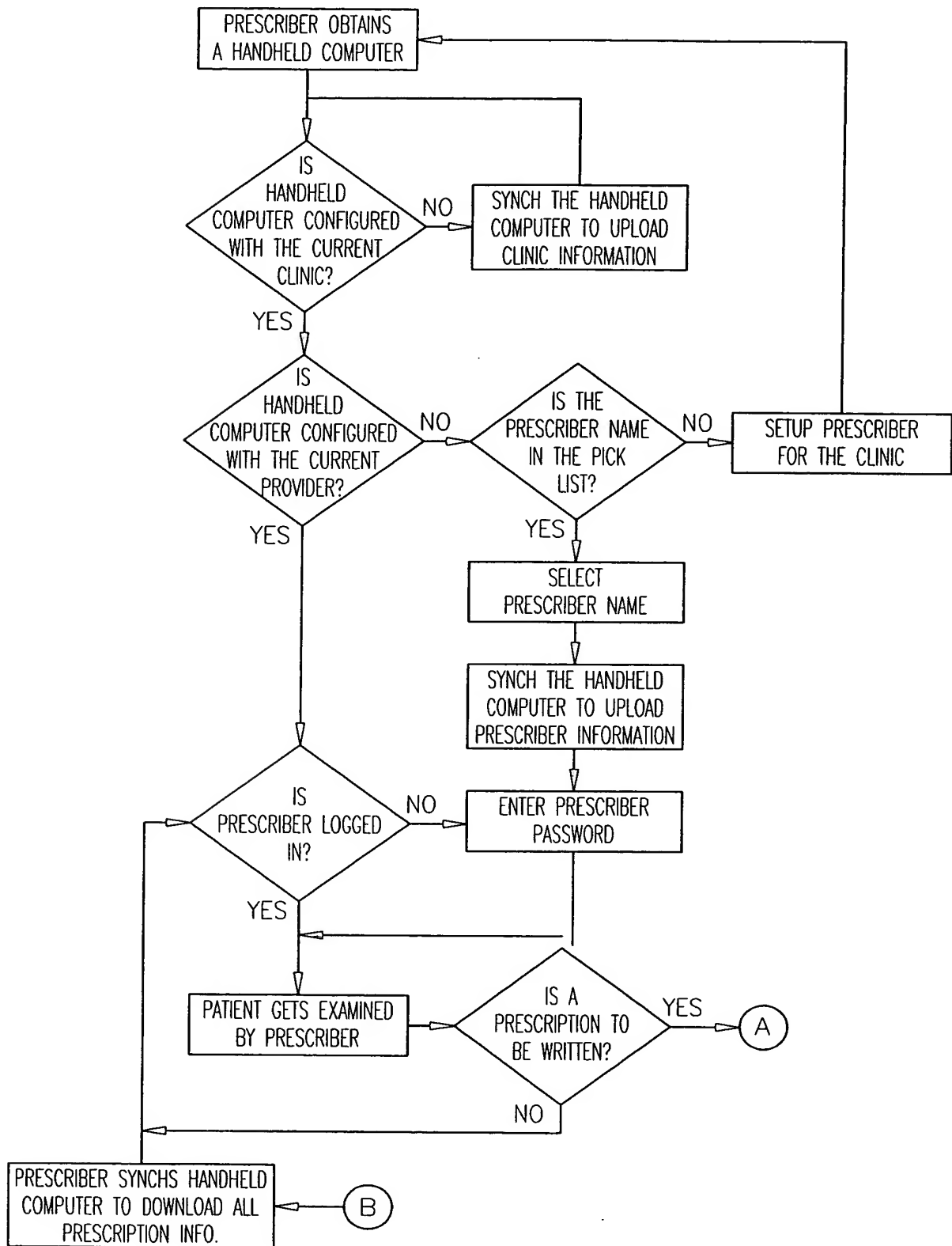


FIG. 5A

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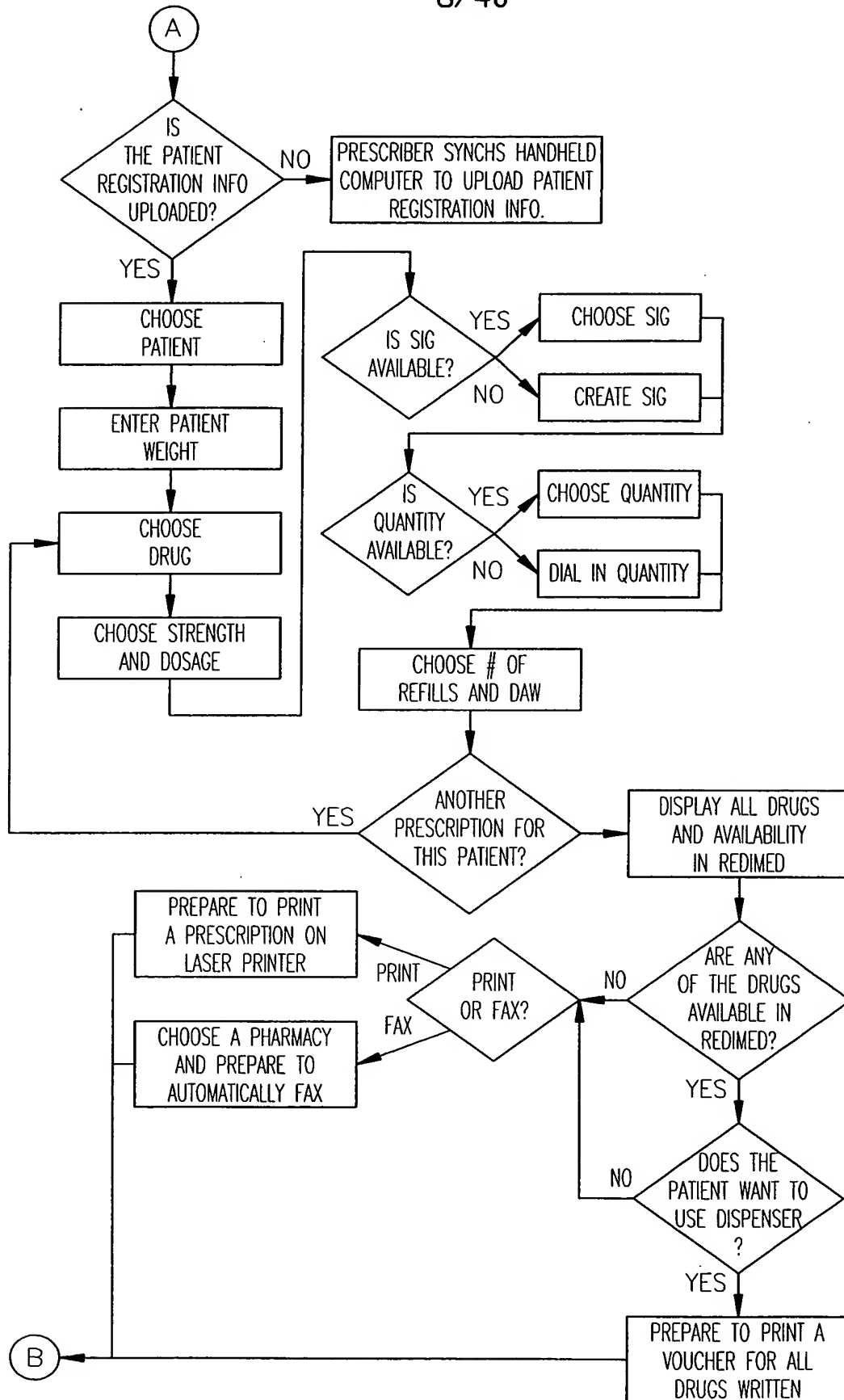
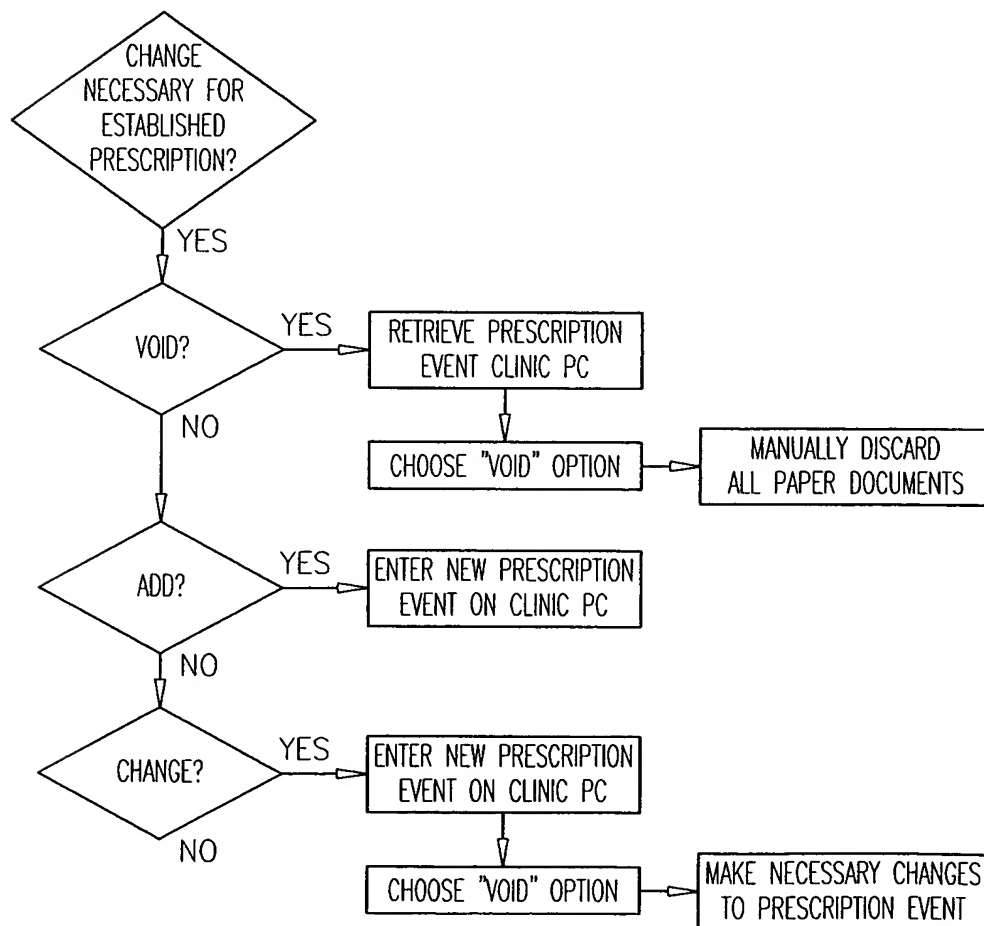
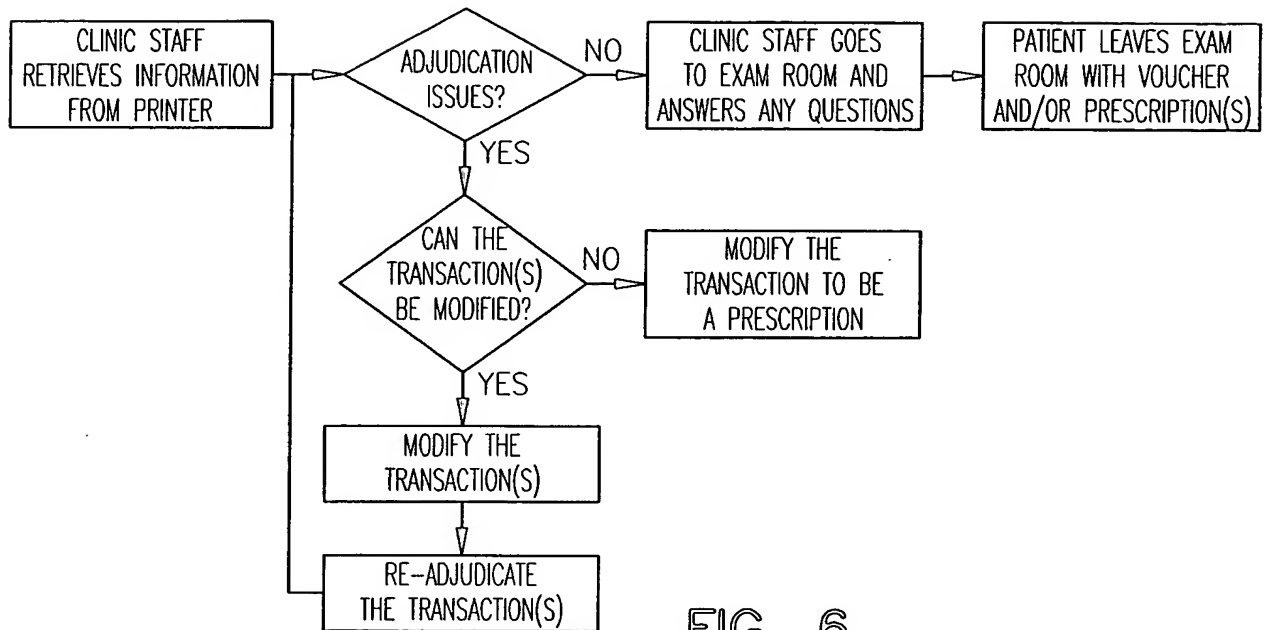


FIG. 5B



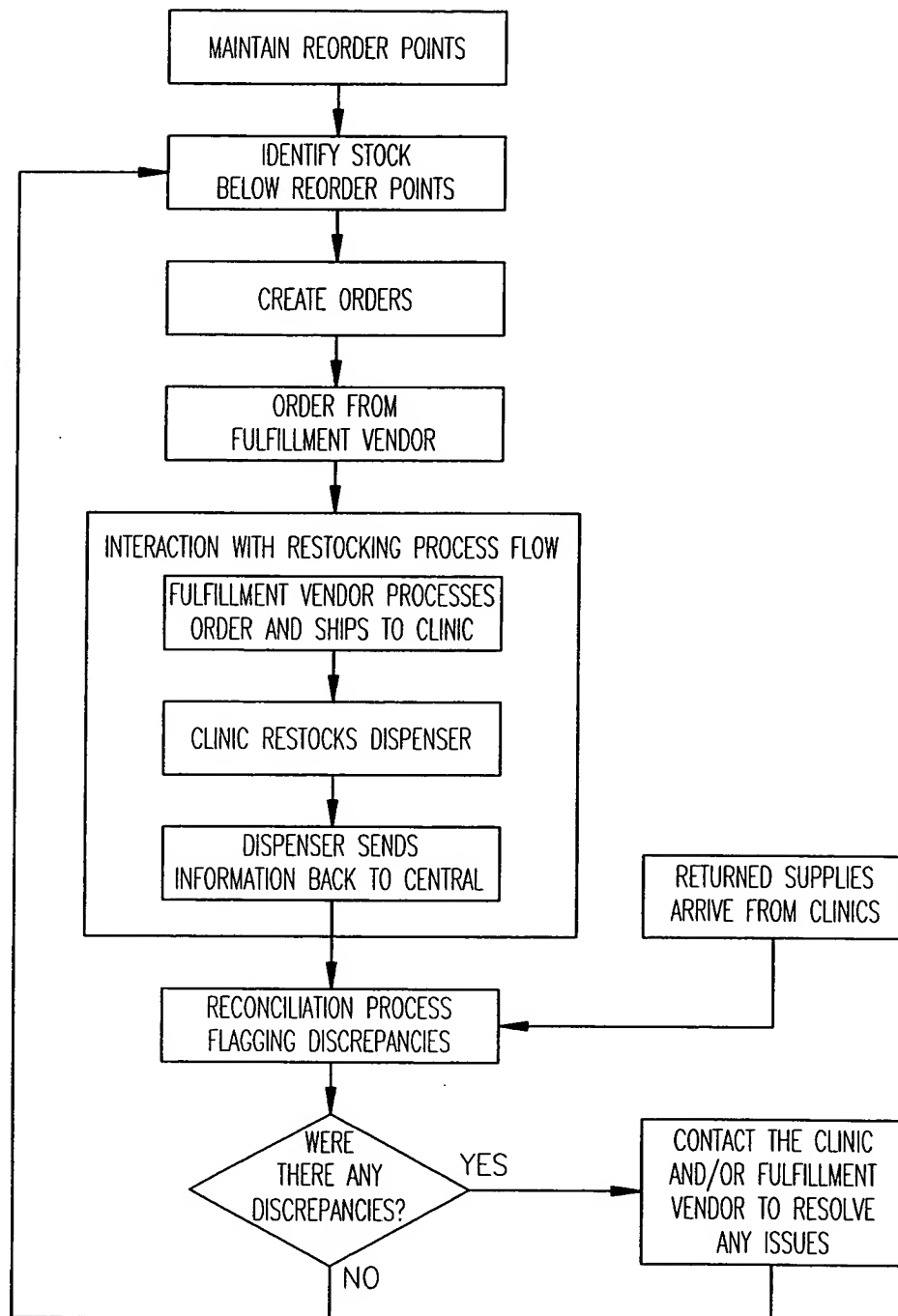


FIG. 8



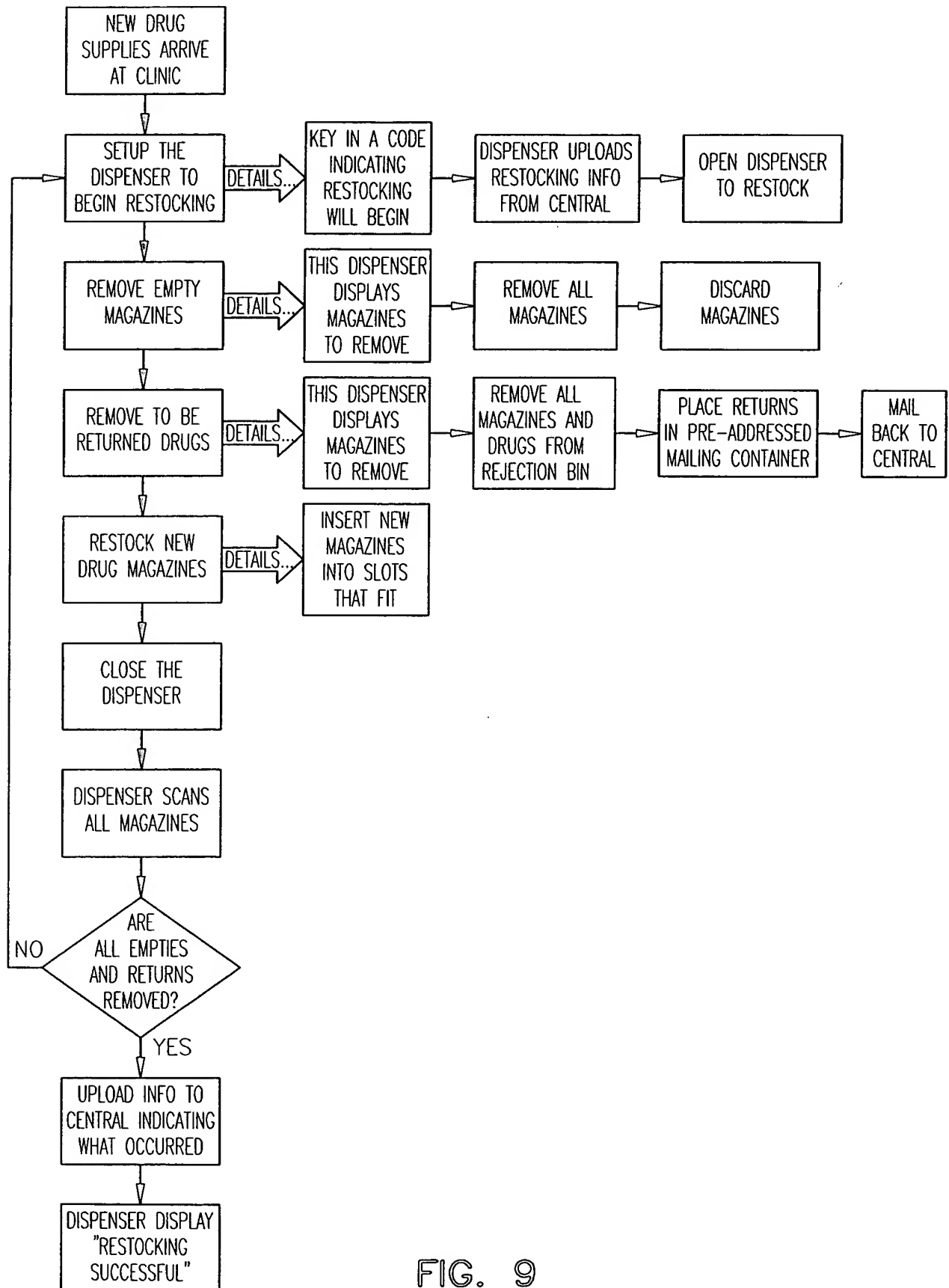


FIG. 9

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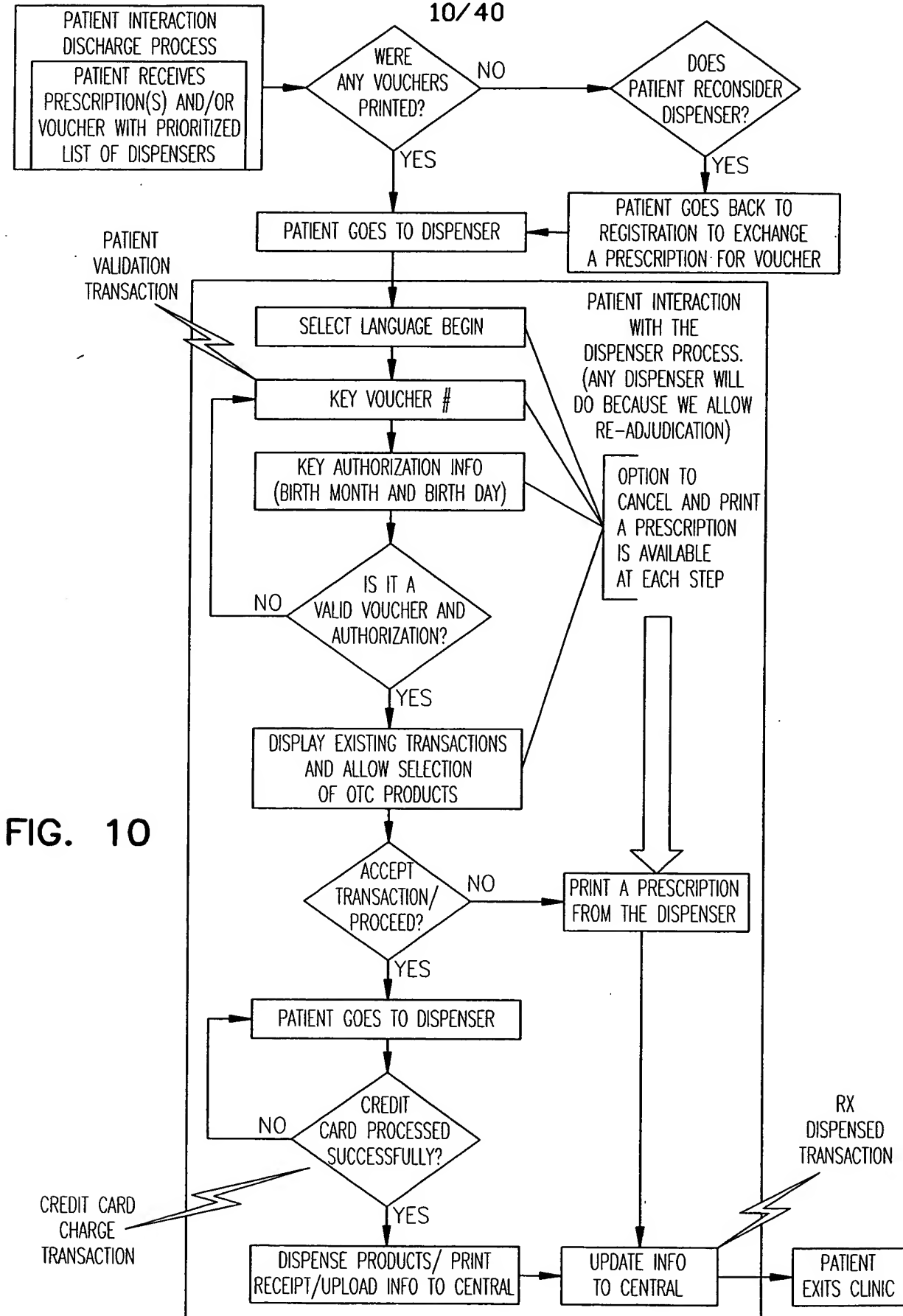


FIG. 10

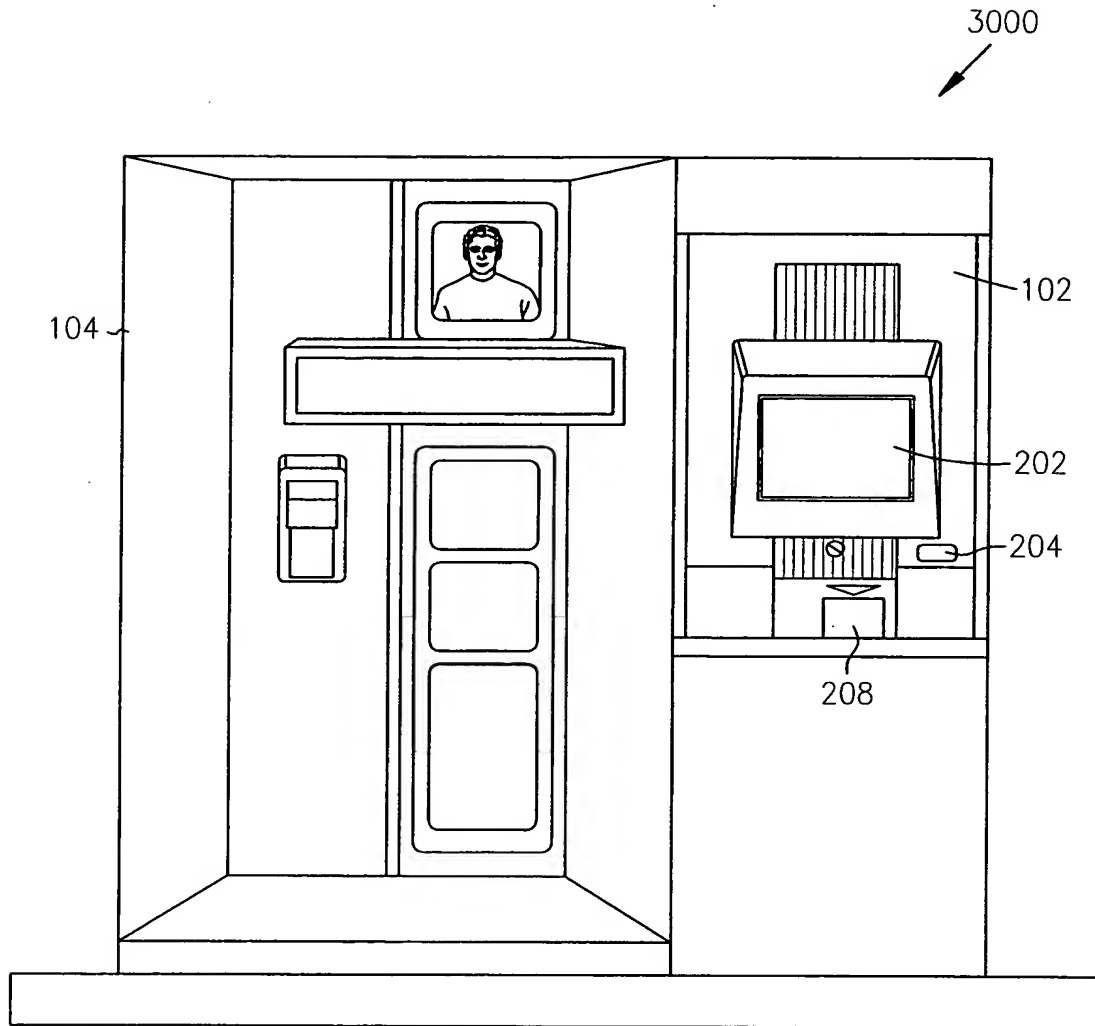


FIG. 11

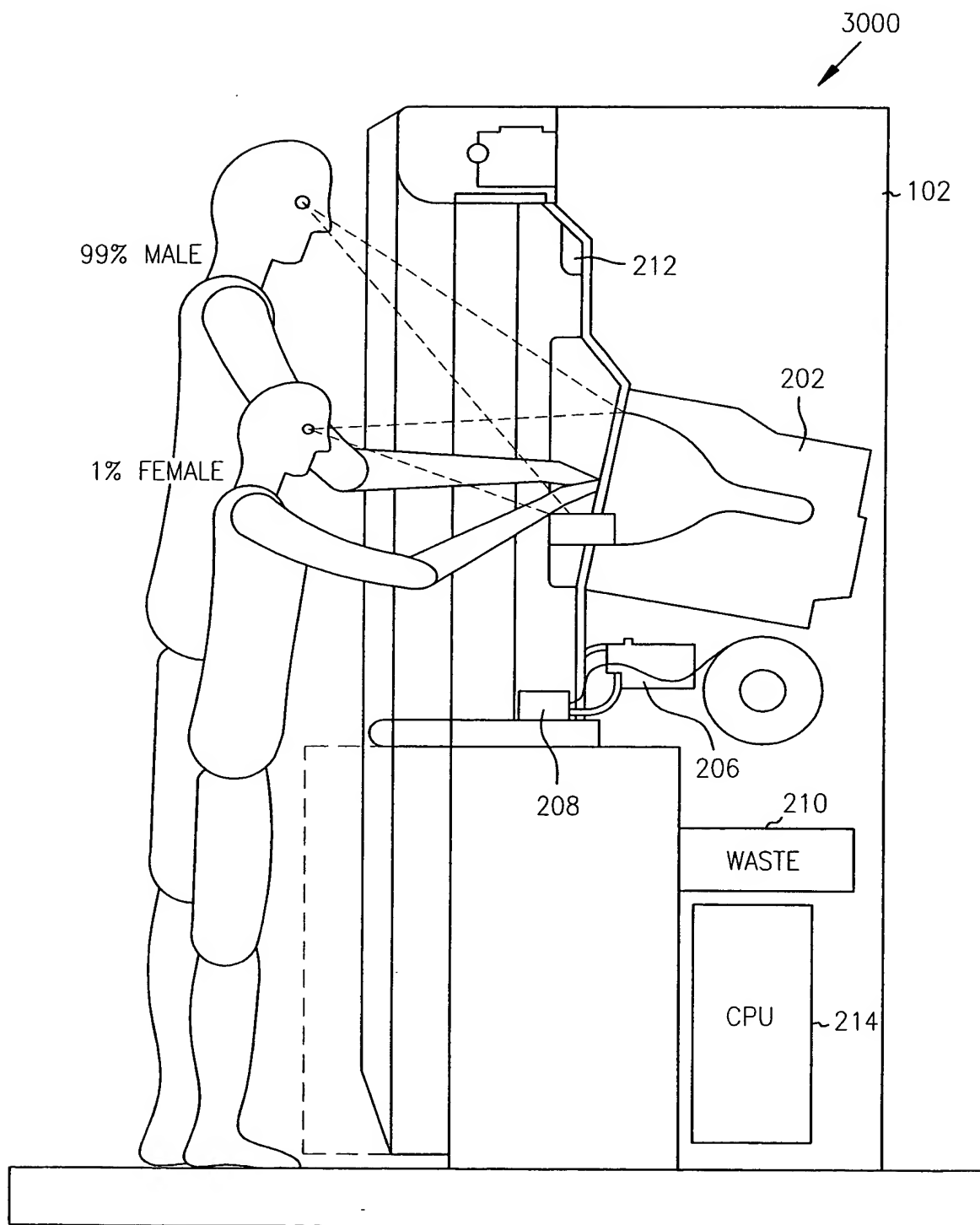


FIG. 12

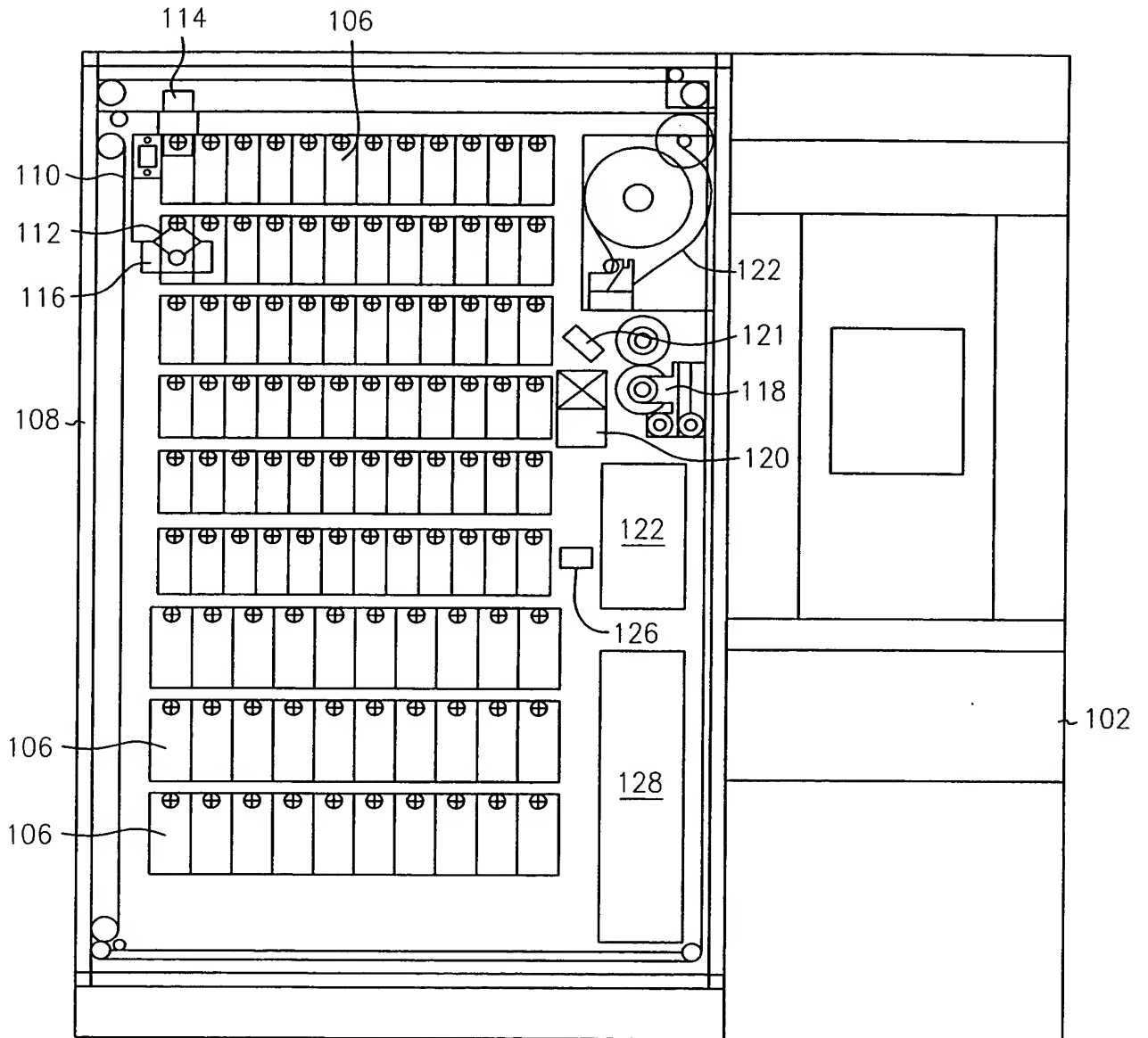


FIG. 13

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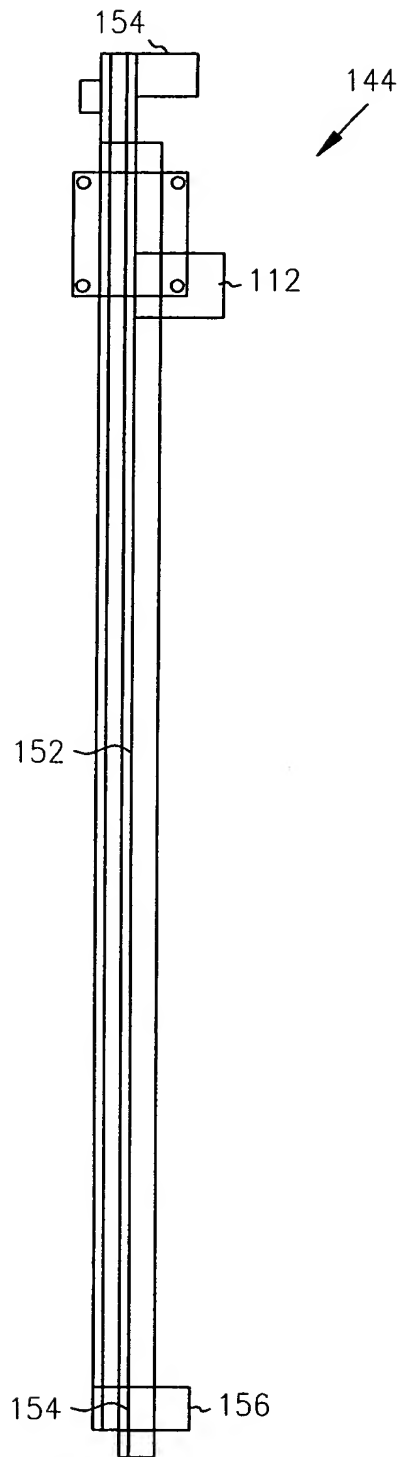


FIG. 16

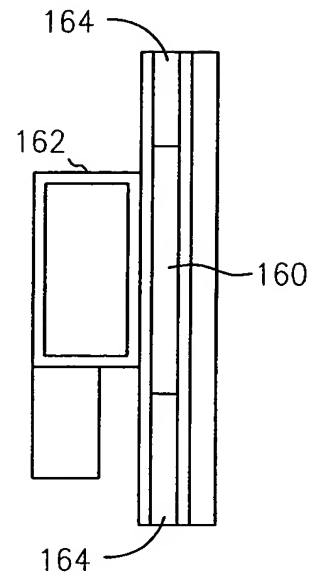


FIG. 17

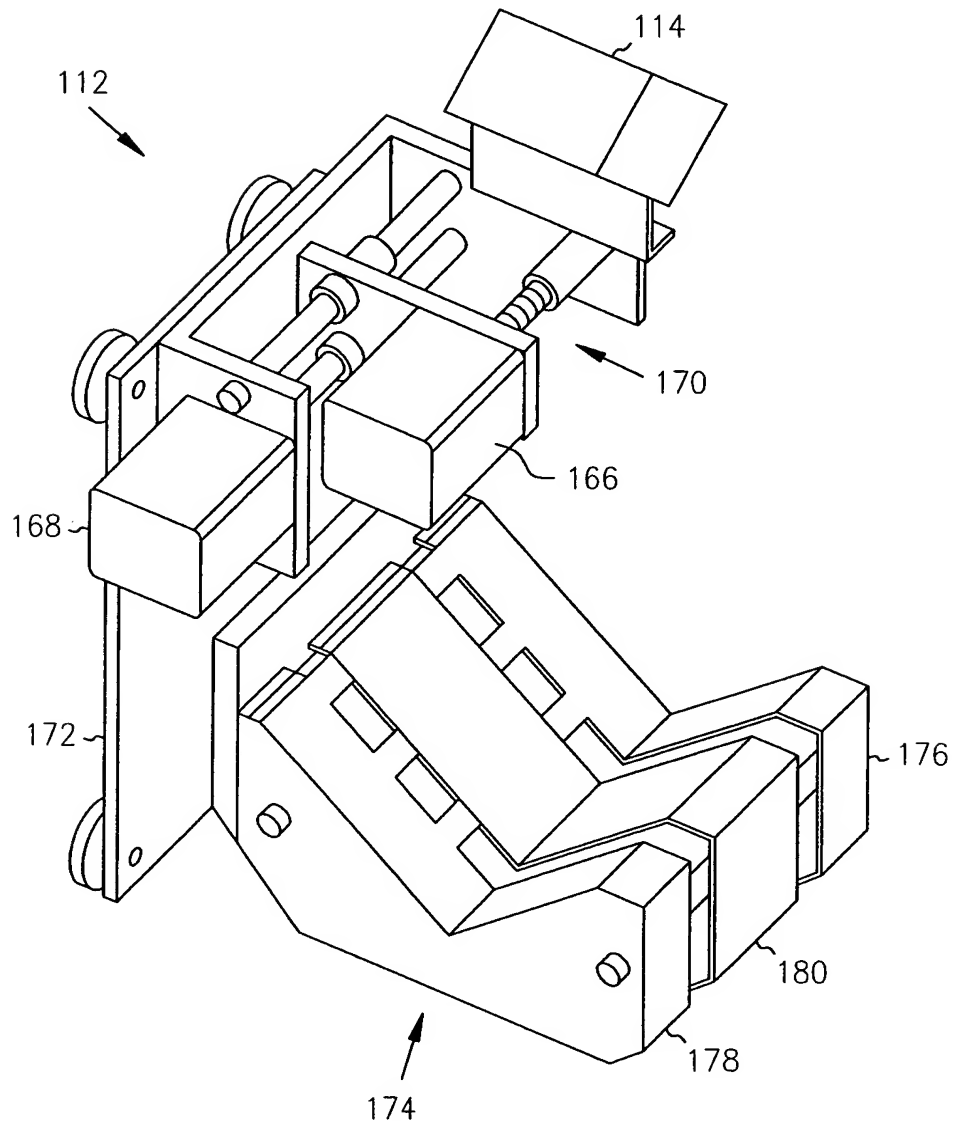
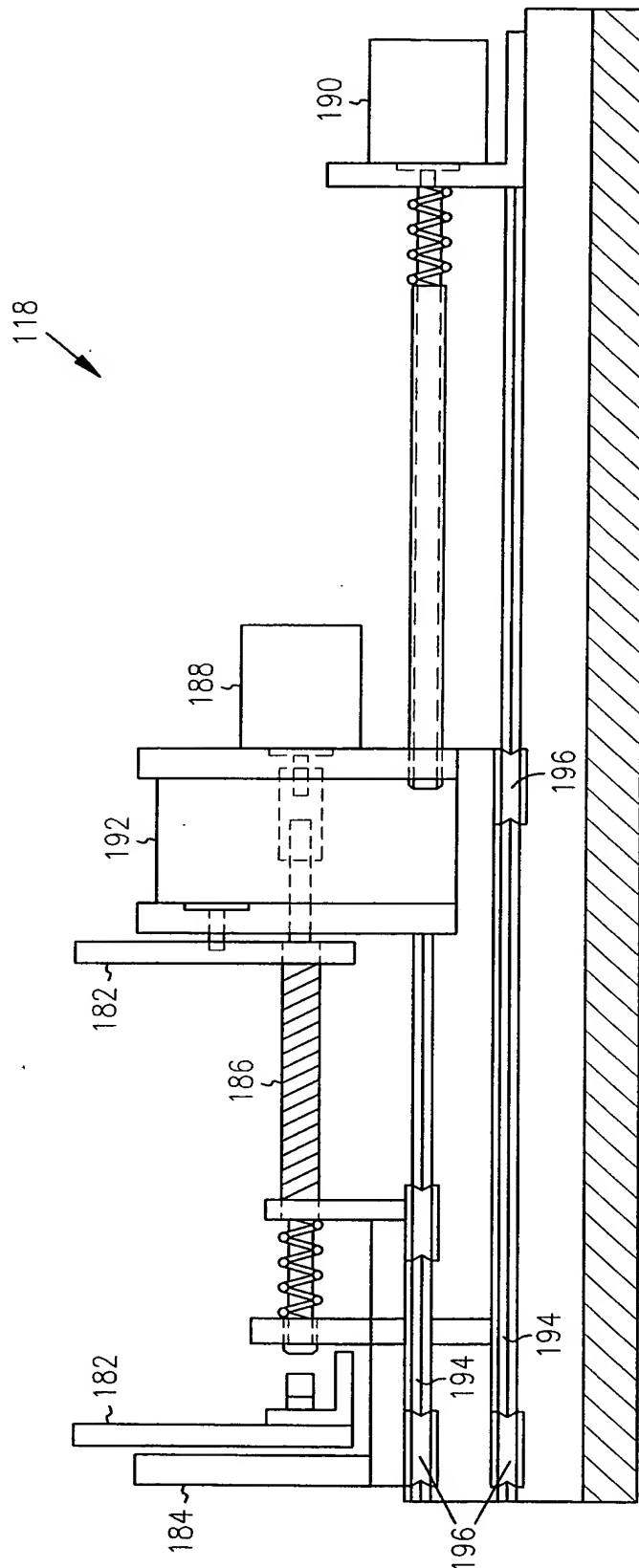


FIG. 18



TITLE: AUTOMATIC PRESCRIPTION DRUG DISPENSER  
INVENTORS NAME: Ken Rosenblum  
SERIAL NO.: 09/714,802

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**FIG. 19**

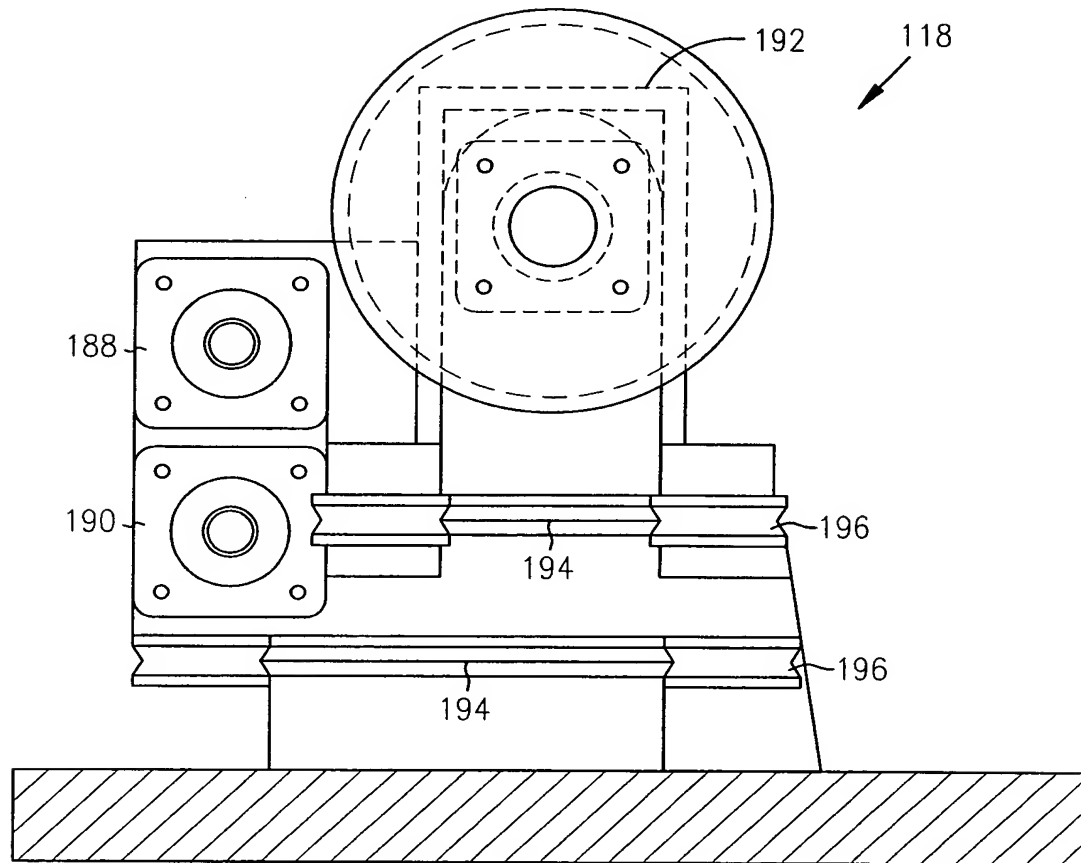


FIG. 20

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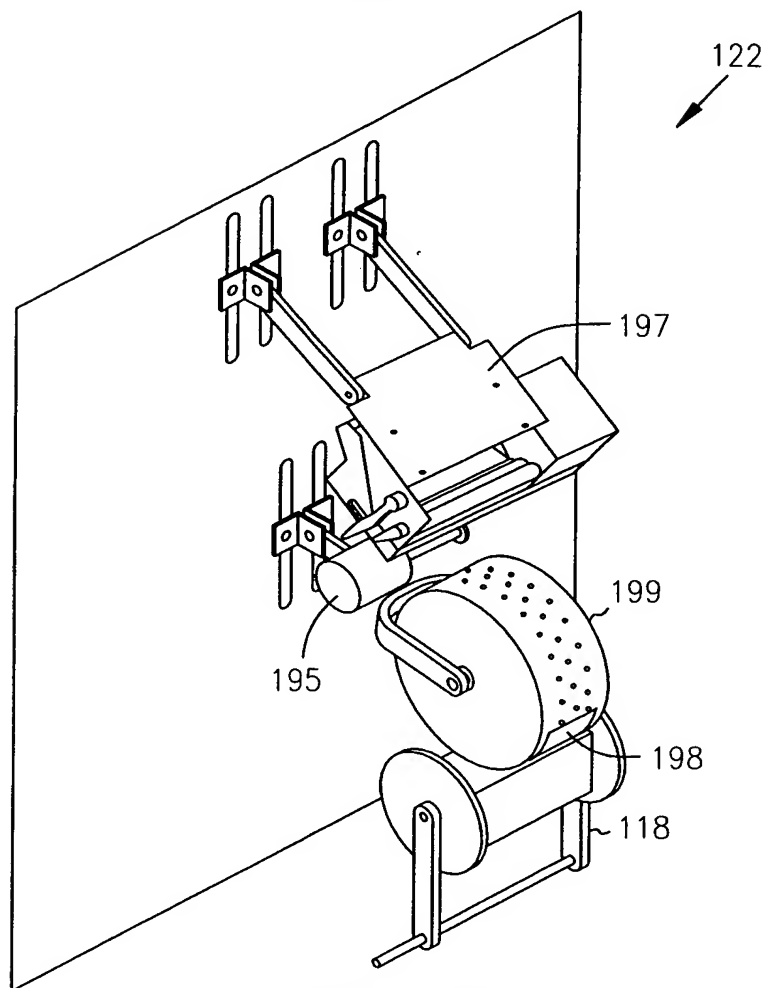


FIG. 21

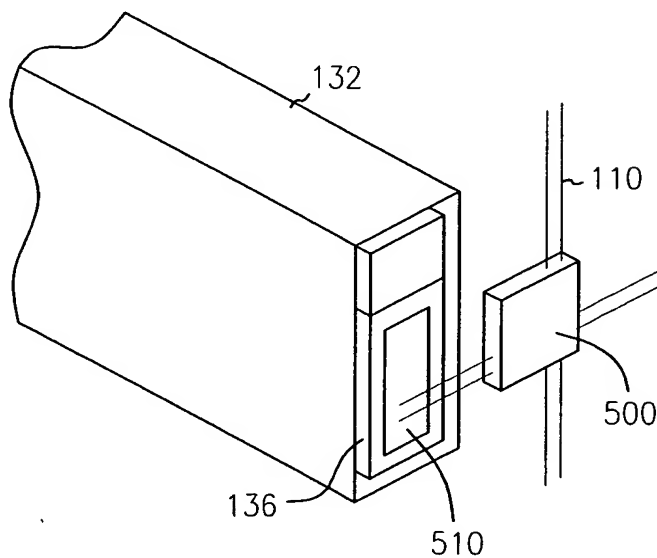


FIG. 22

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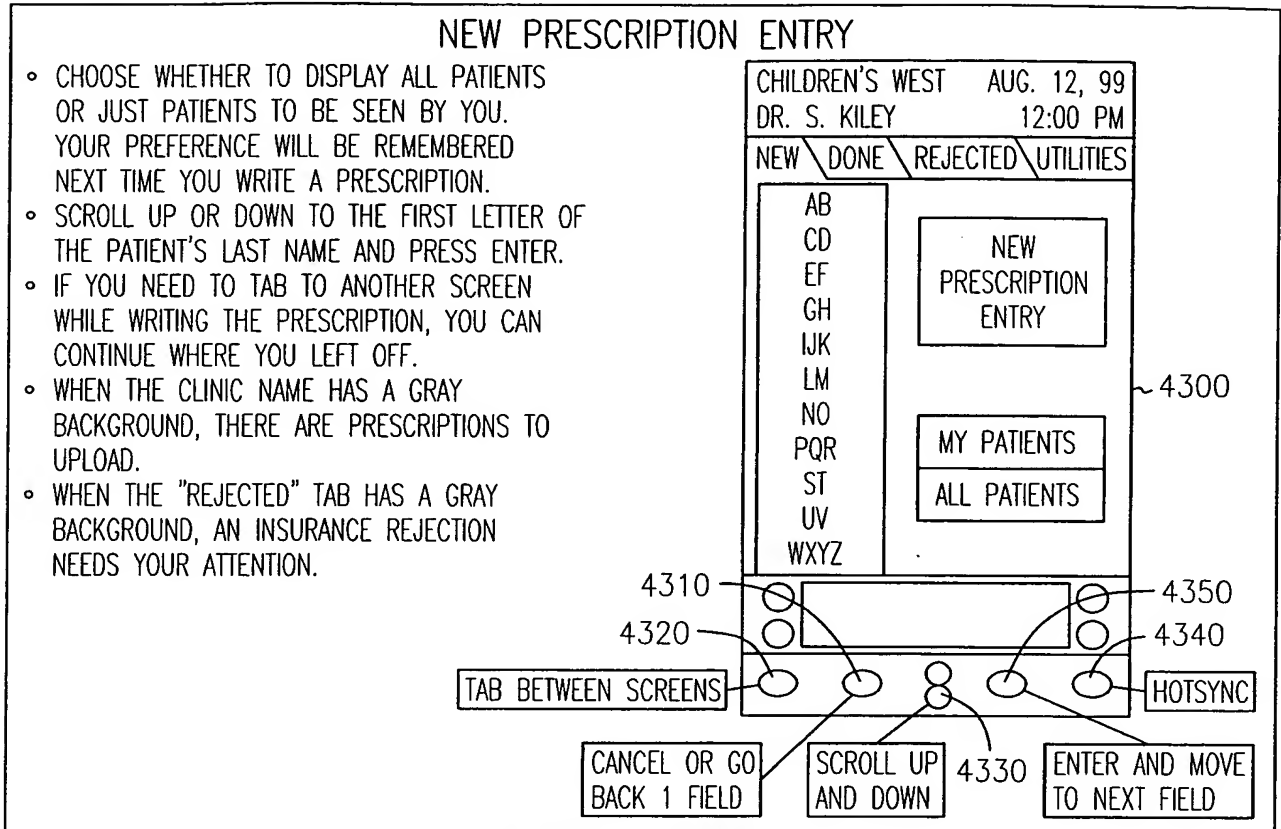


FIG. 23A

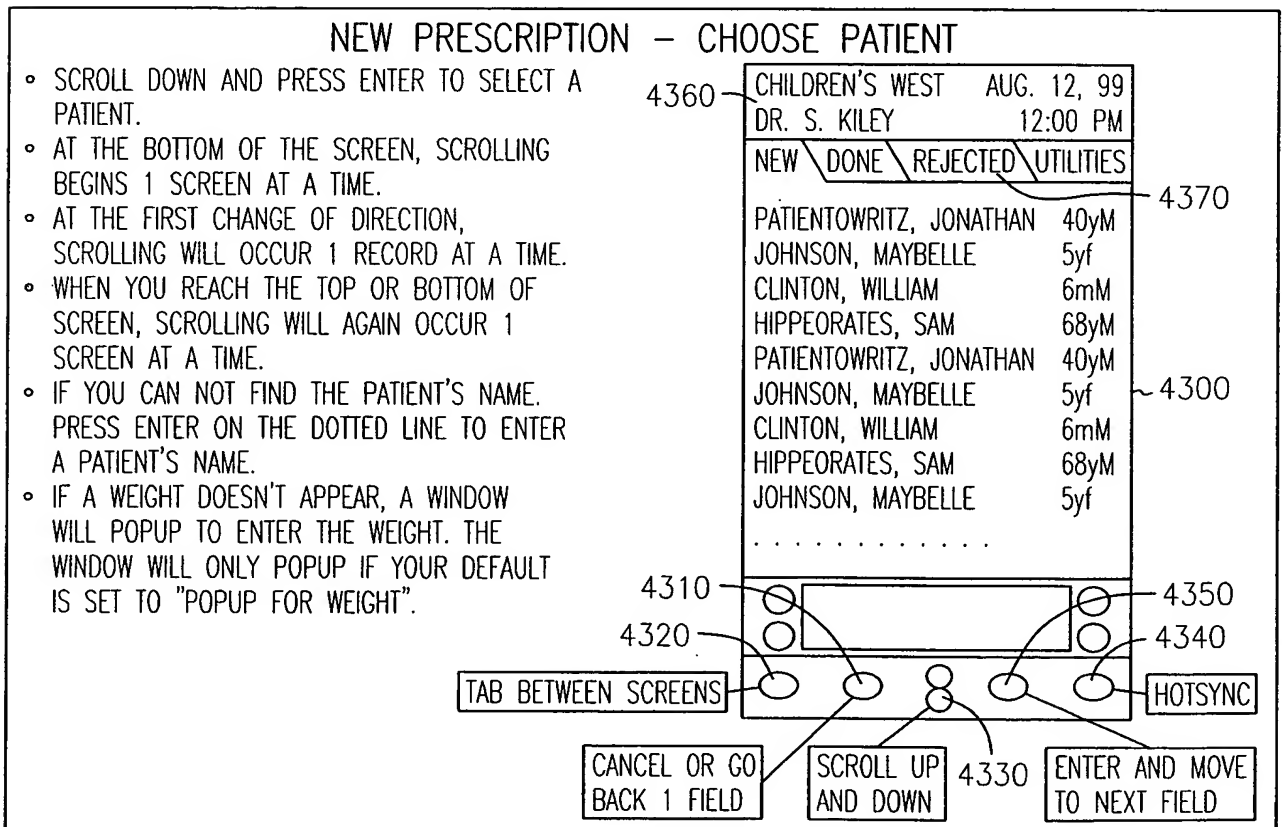


FIG. 23B

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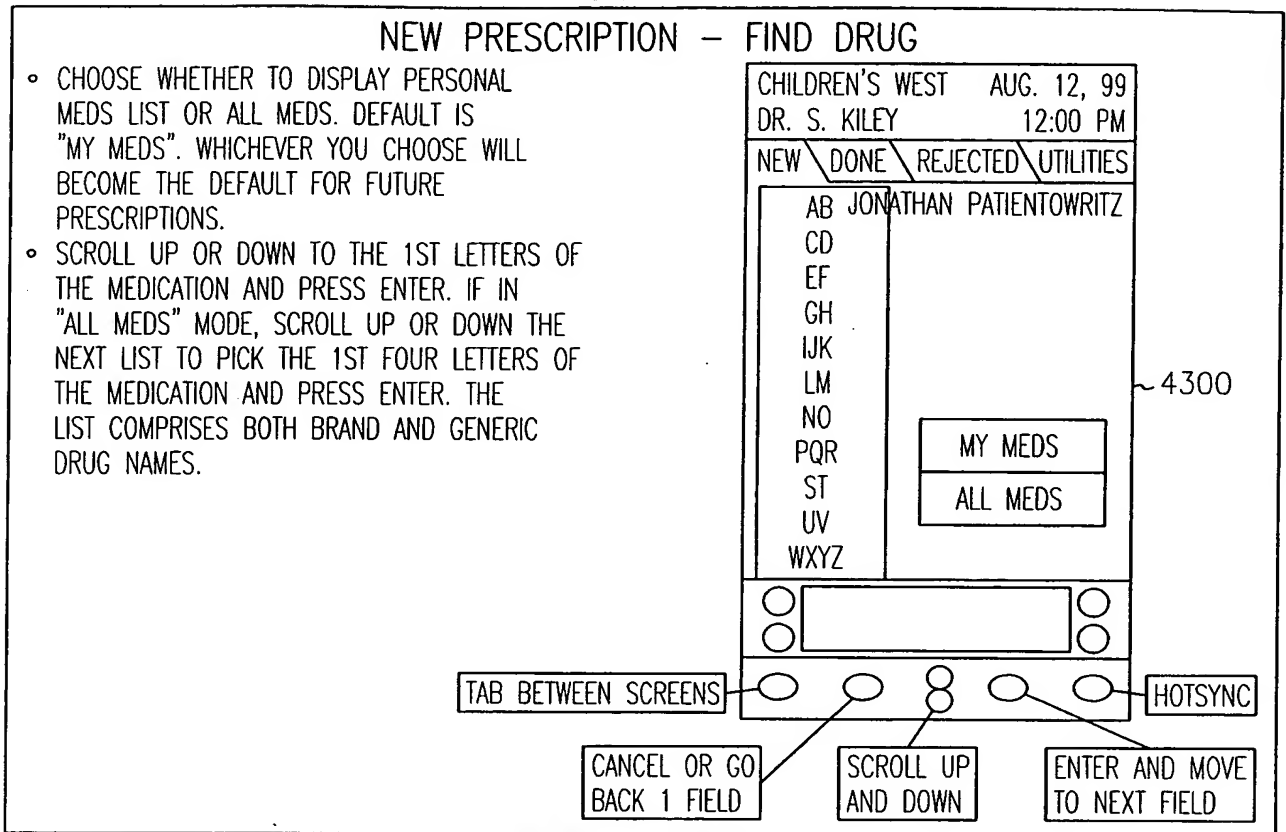


FIG. 23C

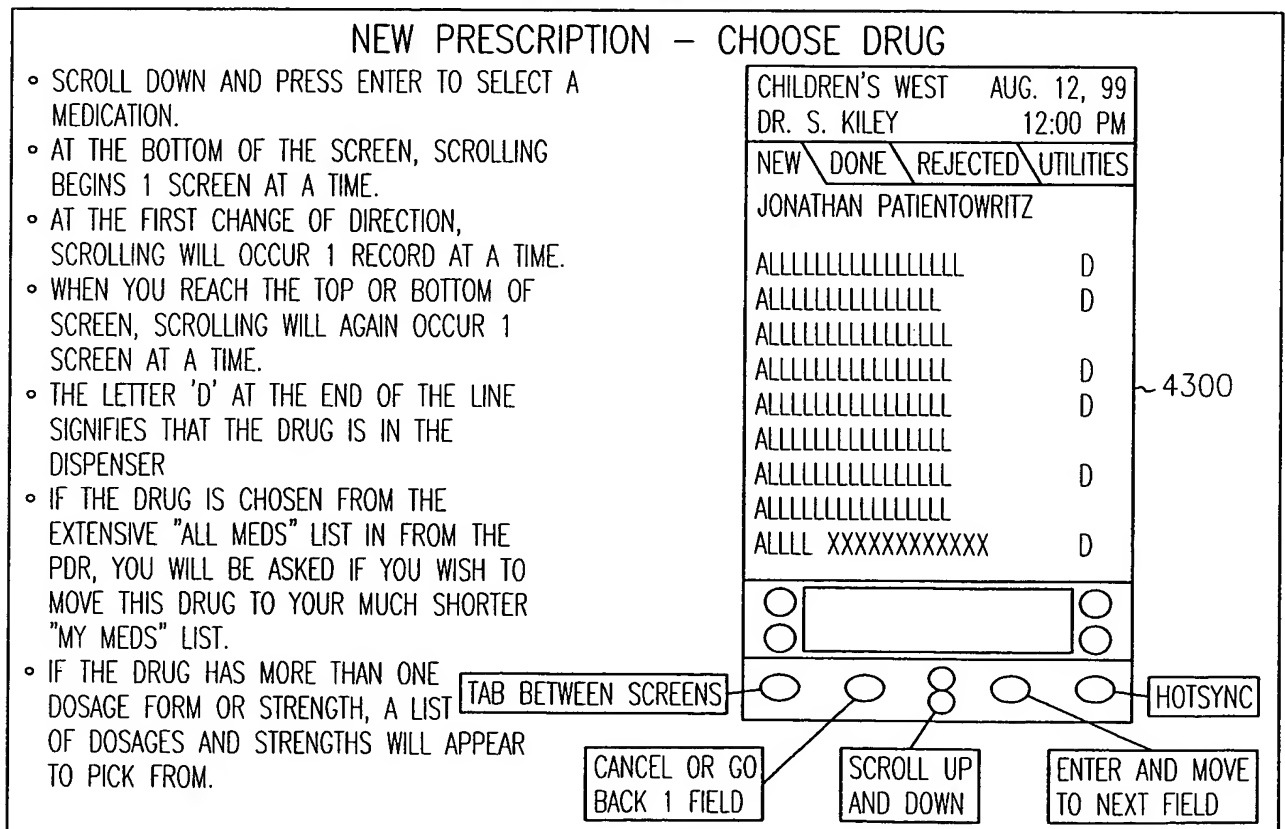


FIG. 23D

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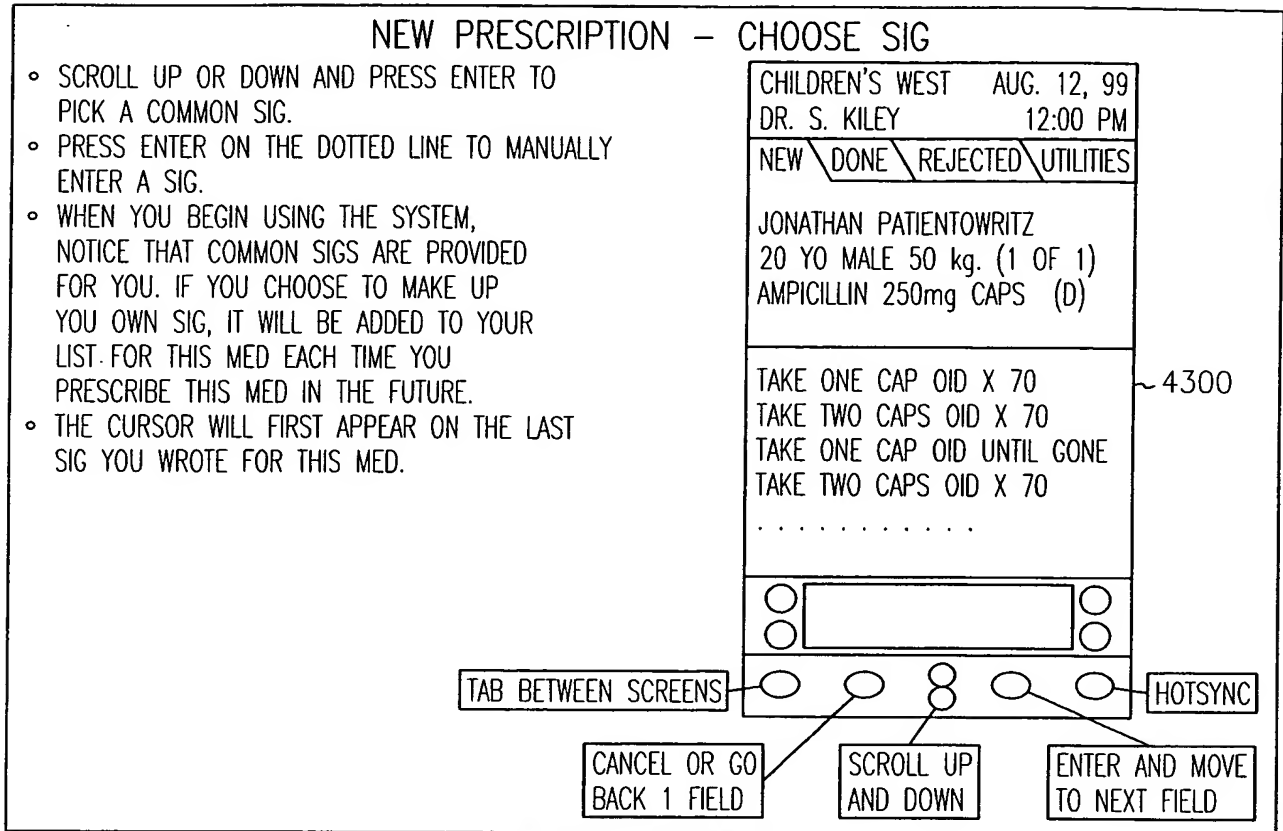


FIG. 23E

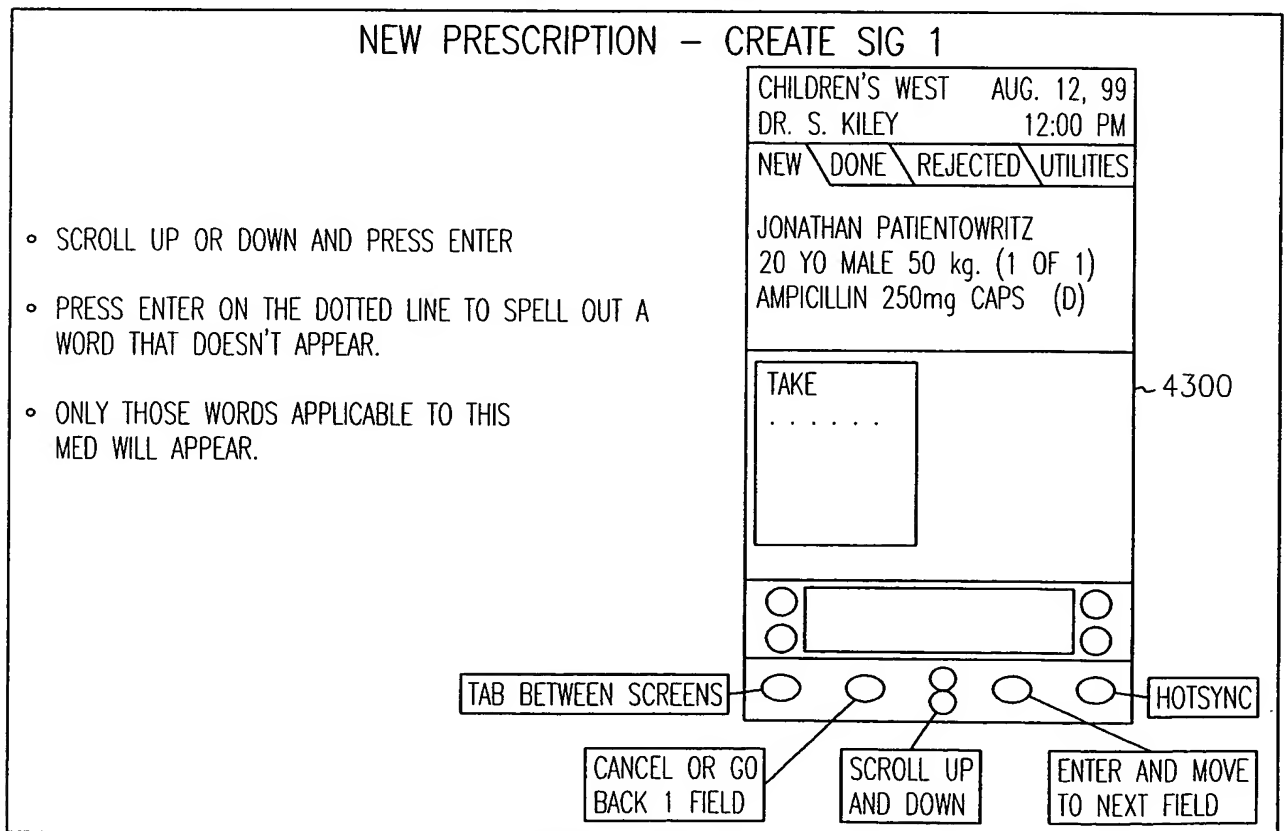


FIG. 24A

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**NEW PRESCRIPTION - CREATE SIG 2**

- SCROLL UP OR DOWN AND PRESS ENTER
- PRESS ENTER ON THE DOTTED LINE TO SPELL OUT A WORD THAT DOESN'T APPEAR.
- ONLY THOSE WORDS APPLICABLE TO THIS MED WILL APPEAR.

CHILDREN'S WESTAUG. 12, 99

DR. S. KILEY12:00 PM

NEWDONEREJECTEDUTILITIES

JONATHAN PATIENTOWRITZ  
20 YO MALE 50 kg. (1 OF 1)  
AMPICILLIN 250mg CAPS (D)

TAKE 

1  
2  
...

[ ]

TAB BETWEEN SCREENS

CANCEL OR GO  
BACK 1 FIELD

SCROLL UP  
AND DOWN

ENTER AND MOVE  
TO NEXT FIELD

HOTSUNC

~ 4300

**FIG. 24B**

**NEW PRESCRIPTION - CREATE SIG 3**

- SCROLL UP OR DOWN AND PRESS ENTER
- PRESS ENTER ON THE DOTTED LINE TO SPELL OUT A WORD THAT DOESN'T APPEAR.
- ONLY THOSE WORDS APPLICABLE TO THIS MED WILL APPEAR.

CHILDREN'S WESTAUG. 12, 99

DR. S. KILEY12:00 PM

NEWDONEREJECTEDUTILITIES

JONATHAN PATIENTOWRITZ  
20 YO MALE 50 kg. (1 OF 1)  
AMPICILLIN 250mg CAPS (D)

TAKE 

CAPSULE  
TABLET  
.....

[ ]

TAB BETWEEN SCREENS

CANCEL OR GO  
BACK 1 FIELD

SCROLL UP  
AND DOWN

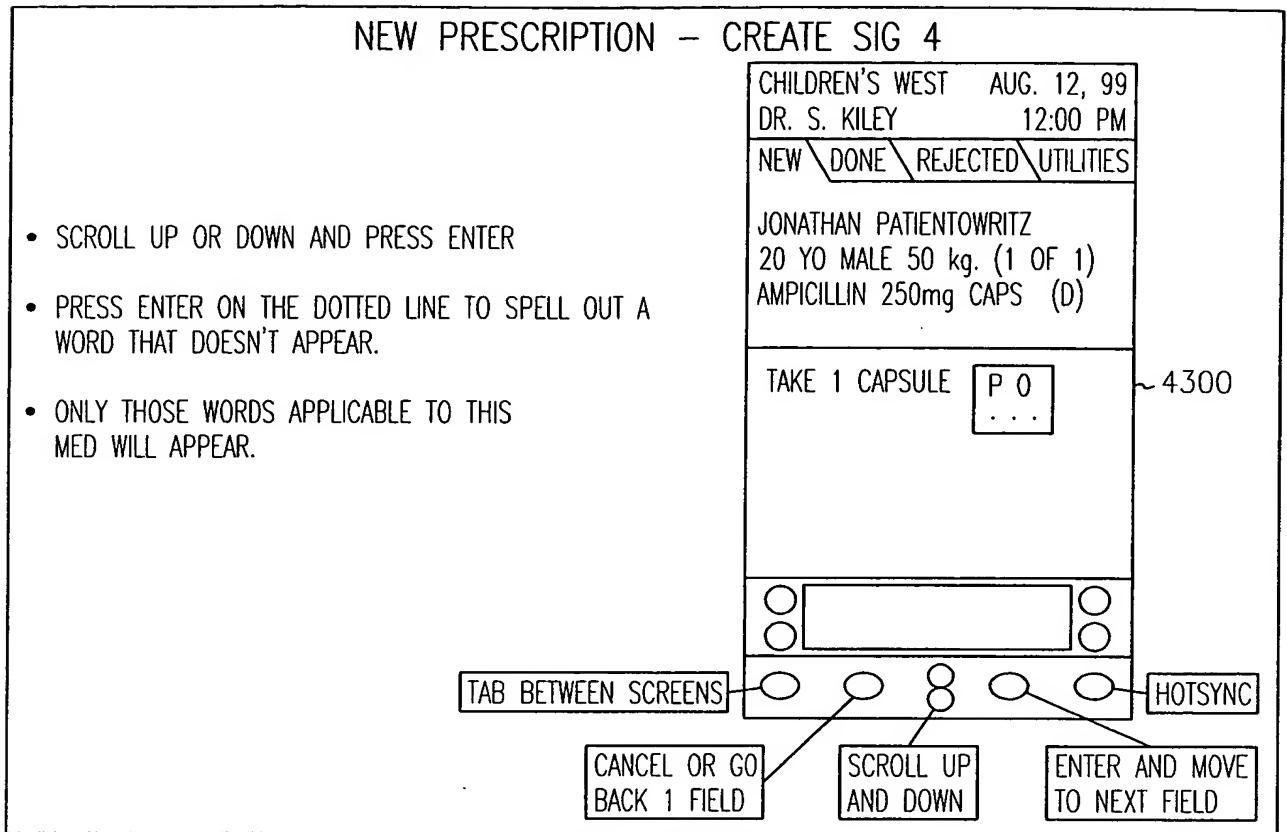
ENTER AND MOVE  
TO NEXT FIELD

HOTSUNC

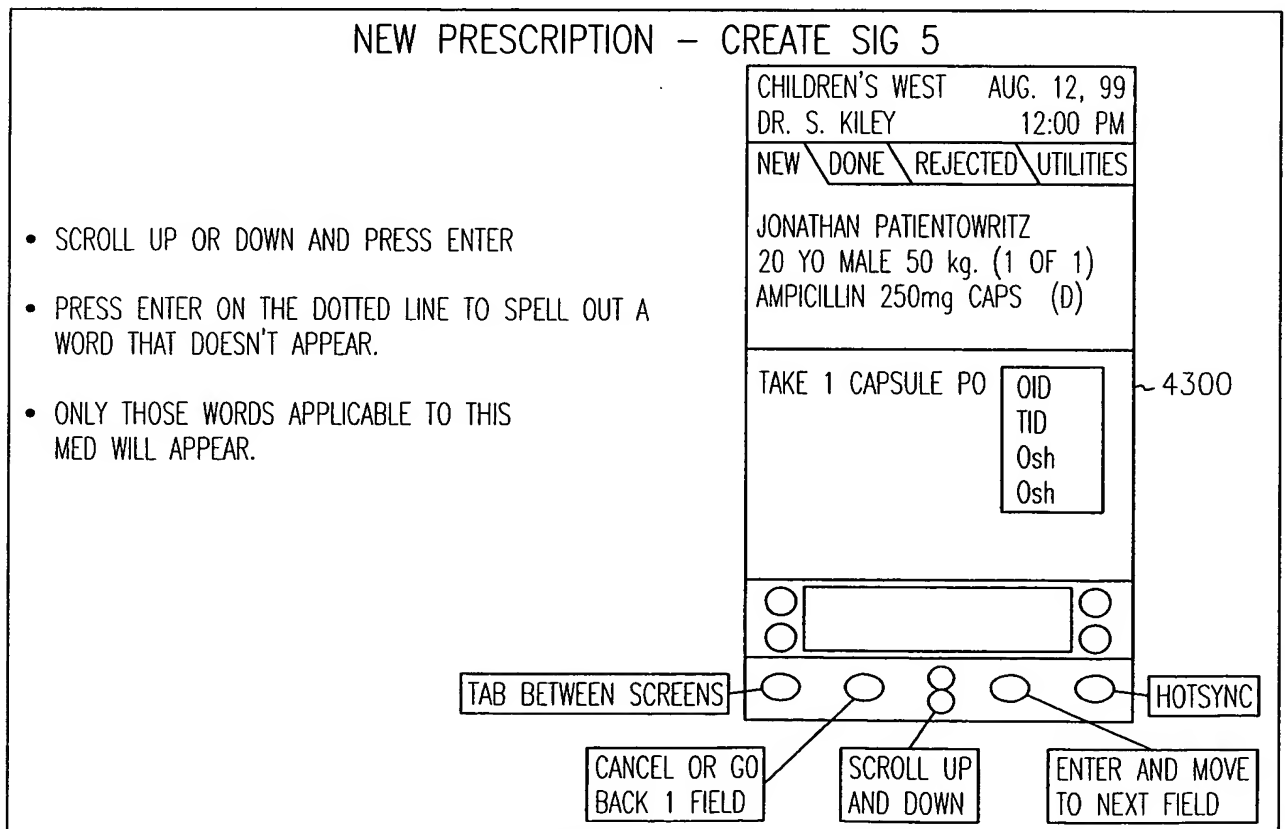
~ 4300

**FIG. 24C**

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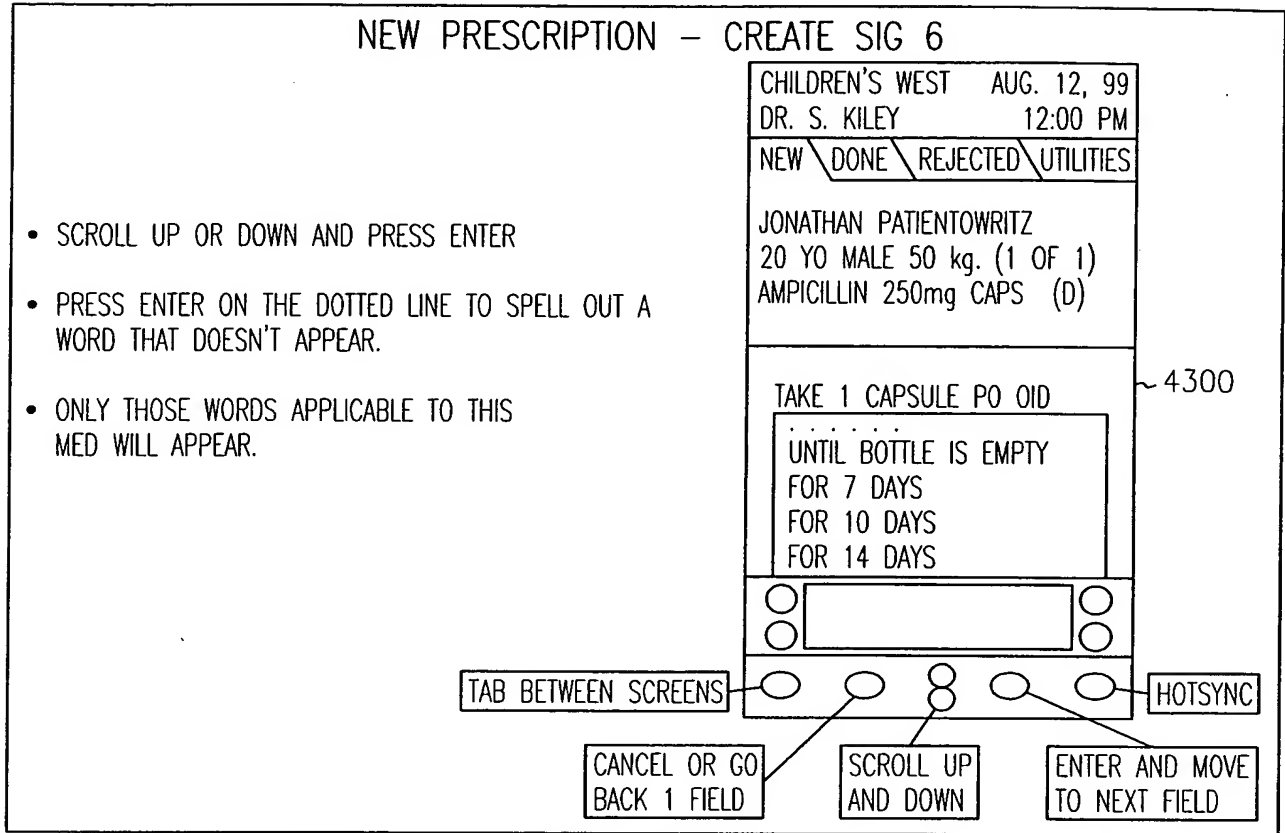
**FIG. 24D**



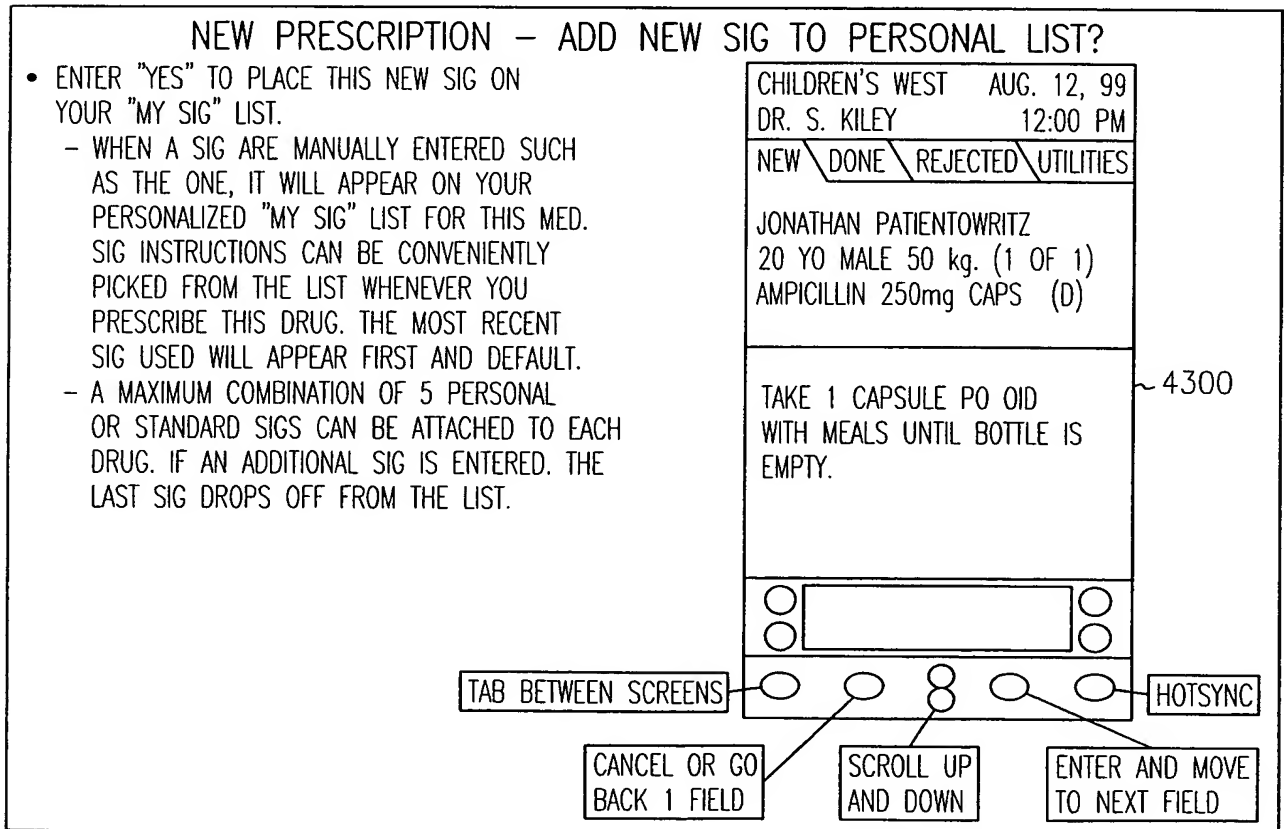
**FIG. 24E**



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**FIG. 24F**



**FIG. 25A**

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**NEW PRESCRIPTION - CHOOSE # OF REFILLS AND DAW?**

- SCROLL UP OR DOWN TO PICK THE NUMBER OF AUTHORIZED REFILL. THE DEFAULT IS ZERO
- SCROLL DOWN AND PRESS ENTER IF YOU WANT THE MEDICATION DAW (DISPENSED AS WRITTEN). THE DEFAULT IS "NO". IF DAW IS MARKED "YES", THE PRESCRIPTION LABEL WILL DISPLAY "DISPENSE AS WRITTEN".
- IF X REFILLS ARE AUTHORIZED AND THE MED IS DISPENSED FROM THE DISPENSER. A SCRIPT WILL ALSO PRINTOUT AUTHORIZING (X-1) REFILLS AND NOTING THAT AN ORIGINAL PRESCRIPTION WAS DISPENSED.

CHILDREN'S WEST AUG. 12, 99  
 DR. S. KILEY 12:00 PM

NEW ~~DONE~~ ~~REJECTED~~ ~~UTILITIES~~

JONATHAN PATIENTOWRITZ  
 20 YO MALE 50 kg. (1 OF 1)  
 AMPICILLIN 250mg CAPS (D)

TAKE 1 CAPSULE PO QID WITH MEALS UNTIL BOTTLE IS EMPTY.

REFILLS  DAW

~ 4300

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSUNC

FIG. 25B

**NEW PRESCRIPTION - PICK QUANTITY**

- SCROLL DOWN AND PRESS ENTER TO SELECT A COMMON QUANTITY. AT FIRST, THESE QUANTITIES WILL BE THOSE COMMONLY WRITTEN FOR THIS MED. A "D" AFTER THE NUMBER INDICATES THAT THIS QUANTITY IS IN THE DISPENSER.
- IF YOU ENTER A TIME PERIOD IN WHICH TO TAKE THE MEDICATION (I.E. 7 DAYS), THE SYSTEM WILL CALCULATE THE CORRECT QUANTITY TO DISPENSE. THE CURSOR WILL AT FIRST BE ON THE NEXT LARGER QUANTITY IN THE DISPENSER, IF ANY.
- IF YOU ENTER A NEW QUANTITY, IT WILL APPEAR ON YOUR COMMON QUANTITY LIST FOR THIS MED. YOU CAN CHOOSE UP TO 6 COMMON QUANTITIES IF ANOTHER QUANTITY IS CHOSEN, THE LAST QUANTITY DROPS OFF THE LIST.
- PRESS ENTER ON THE DOTTED LINE TO PICK A DIFFERENT QUANTITY.

CHILDREN'S WEST AUG. 12, 99  
 DR. S. KILEY 12:00 PM

NEW ~~DONE~~ ~~REJECTED~~ ~~UTILITIES~~

JONATHAN PATIENTOWRITZ  
 20 YO MALE 50 kg. (1 OF 1)  
 AMPICILLIN 250mg CAPS (D)

QUANTITY:

21 D  
 28 D  
 20  
 30  
 40  
 ...

REFILLS  DAW

~ 4300

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSUNC

FIG. 25C

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**NEW PRESCRIPTION – DIAL IN QUANTITY**

- SCROLL UP OR DOWN TO CHANGE THE NUMBERS.
- SCROLL LEFT TO CHANGE A DIFFERENT DIGIT.
- PRESS ENTER WHEN FINISHED.

CHILDREN'S WEST    AUG. 12, 99  
DR. S. KILEY                      12:00 PM

NEW \ DONE \ REJECTED \ UTILITIES

JONATHAN PATIENTOWRITZ  
20 YO MALE 50 kg. (1 OF 1)  
AMPICILLIN 250mg CAPS (D)  
QUANTITY:   2  8

TAKE 1 CAPSULE PO QID  
WITH MEALS UNTIL BOTTLE IS  
EMPTY.

REFILLS  0      DAW  11

TAB BETWEEN SCREENS

CANCEL OR GO  
BACK 1 FIELD

SCROLL UP  
AND DOWN

ENTER AND MOVE  
TO NEXT FIELD

HOTSUNC

~ 4300

**FIG. 25D**

**NEW PRESCRIPTION – WRITE ANOTHER FOR THIS PATIENT?**

- PRESS ENTER IF THIS IS THE LAST PRESCRIPTION FOR THIS PATIENT.
- SCROLL DOWN AND PRESS ENTER IF YOU WISH TO WRITE ANOTHER PRESCRIPTION FOR THIS PATIENT.

CHILDREN'S WEST    AUG. 12, 99  
DR. S. KILEY                      12:00 PM

NEW \ DONE \ REJECTED \ UTILITIES

JONATHAN PATIENTOWRITZ  
20 YO MALE 50 kg. (1 OF 1)  
AMPICILLIN 250mg CAPS (D)  
QUANTITY: 28

SAVE AND WRITE ANOTHER  
FOR THIS PATIENT

SAVE AND FINISH

CANCEL

TAB BETWEEN SCREENS

CANCEL OR GO  
BACK 1 FIELD

SCROLL UP  
AND DOWN

ENTER AND MOVE  
TO NEXT FIELD

HOTSUNC

~ 4300

**FIG. 25E**

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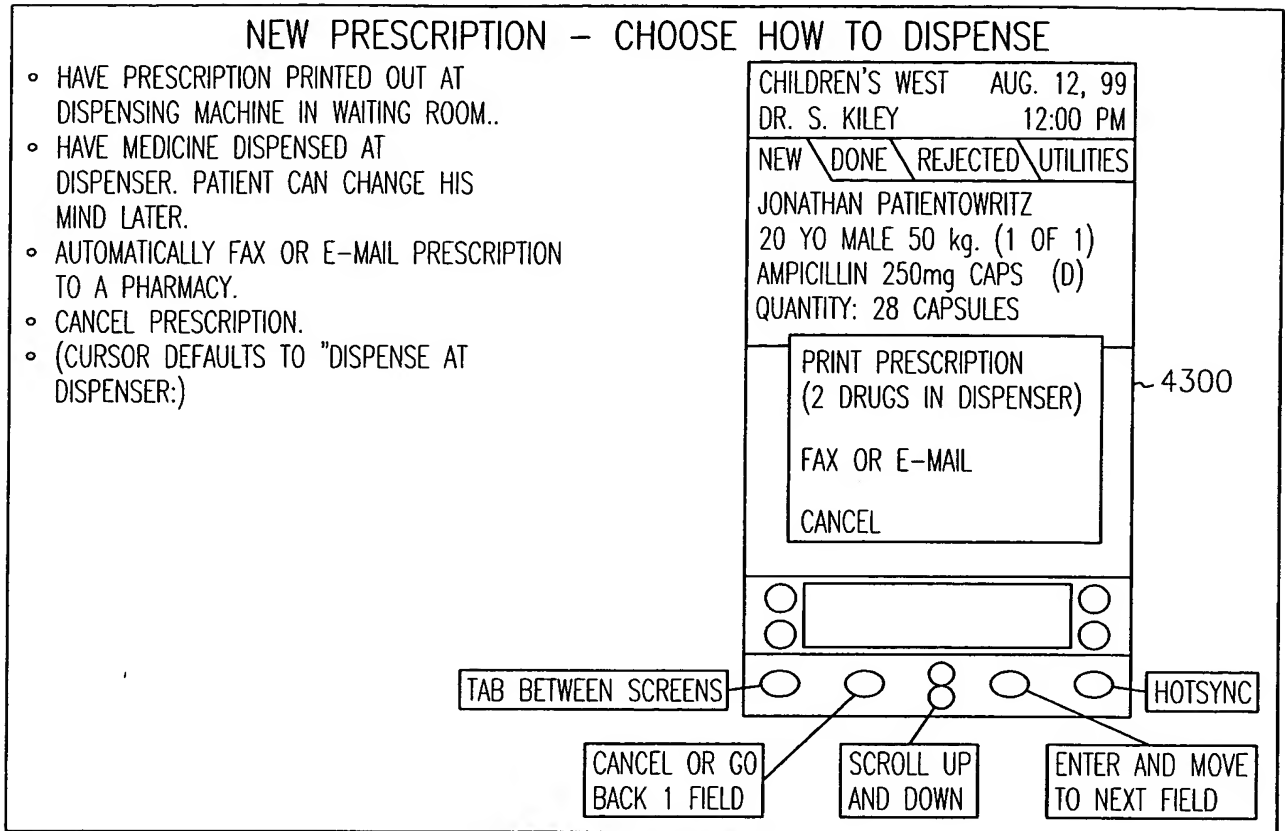


FIG. 25F

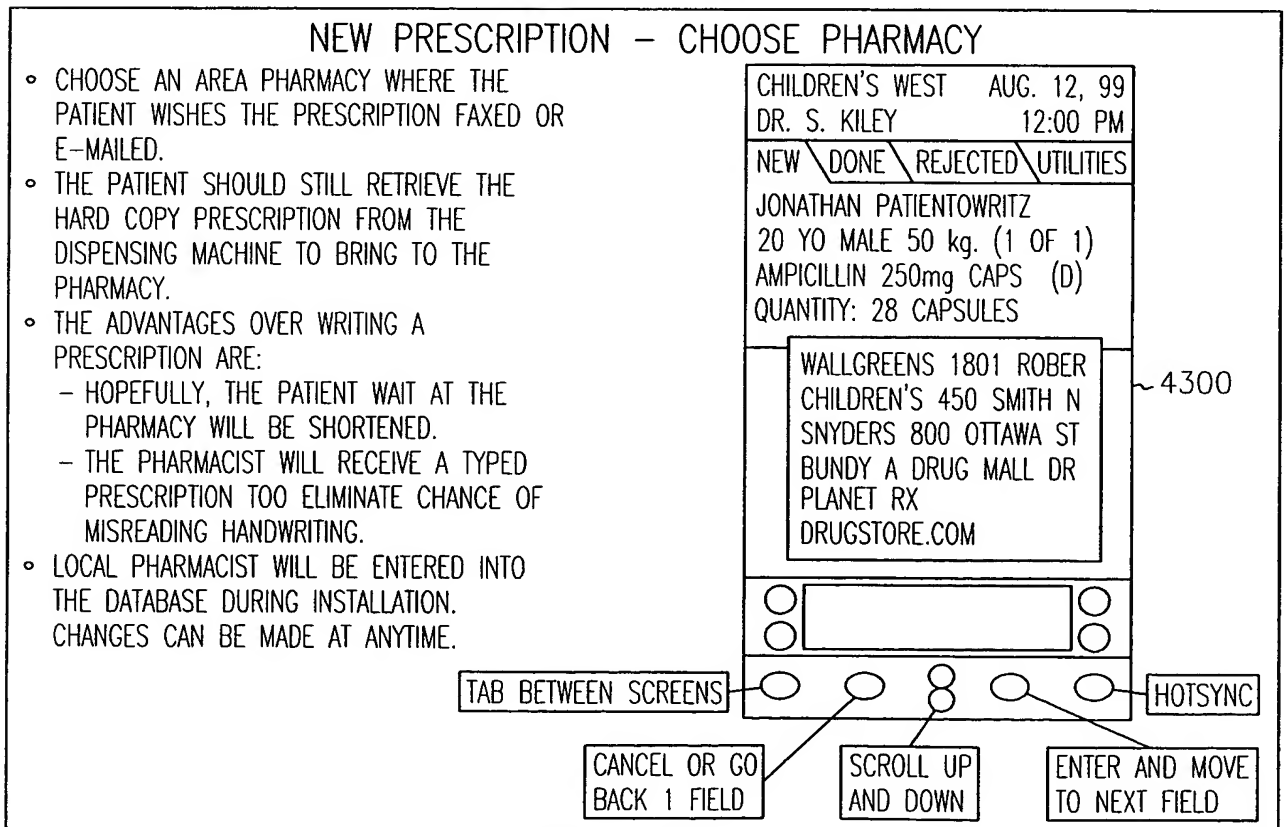


FIG. 26A

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### NEW PRESCRIPTION – CONFIRMATION OF SCRIPT

- THIS POPUP WINDOW VERIFIES THAT THE PRESCRIPTION HAS BEEN SAVED. IT DISAPPEARS AFTER 2 SECONDS.
- WHEN PRESCRIPTIONS ARE WAITING TO BE TRANSMITTED, THE CLINIC NAME WILL BE SHADED.

CHILDREN'S WEST
AUG. 12, 99

DR. S. KILEY
12:00 PM

NEW DONE REJECTED UTILITIES

JONATHAN PATIENTOWRITZ  
 20 YO MALE 50 kg. (1 OF 1)  
 AMPICILLIN 250mg CAPS (D)  
 QUANTITY: 28 CAPSULES

ONE PRESCRIPTION FOR  
 JONATHAN PATIENTOWRITZ  
 HAS BEEN SAVED. PLEASE  
 UPLOAD THE INFORMATION.

○ ○ 8 ○ ○

~ 4300

FIG. 26B

### VIEW WRITTEN PRESCRIPTIONS – FIND NAME

- CHOOSE WHETHER TO SORT LIST BY NAME OR BY TIME PRESCRIPTION WAS WRITTEN (MOST RECENT WILL BE FIRST). YOUR PREFERENCE WILL BE REMEMBERED.
- CHOOSE WHETHER TO DISPLAY ALL PATIENTS OR JUST PATIENTS YOU WROTE PRESCRIPTIONS FOR.
- IF YOU CHOOSE TO LIST BY NAME:
  - SCROLL UP, DOWN, LEFT, OR RIGHT TO THE FIRST LETTER OF THE PATIENT'S LAST NAME AND PRESS ENTER.

CHILDREN'S WEST
AUG. 12, 99

DR. S. KILEY
12:00 PM

NEW DONE REJECTED UTILITIES

AB  
CD  
EF  
GH  
IJK  
LM  
NO  
PQR  
ST  
UV  
WXYZ

SORT BY NAME  
 SORT BY TIME

MY PATIENTS  
 ALL PATIENTS

○ ○ 8 ○ ○

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

HOTSYNC

ENTER AND MOVE TO NEXT FIELD

~ 4300

FIG. 26C

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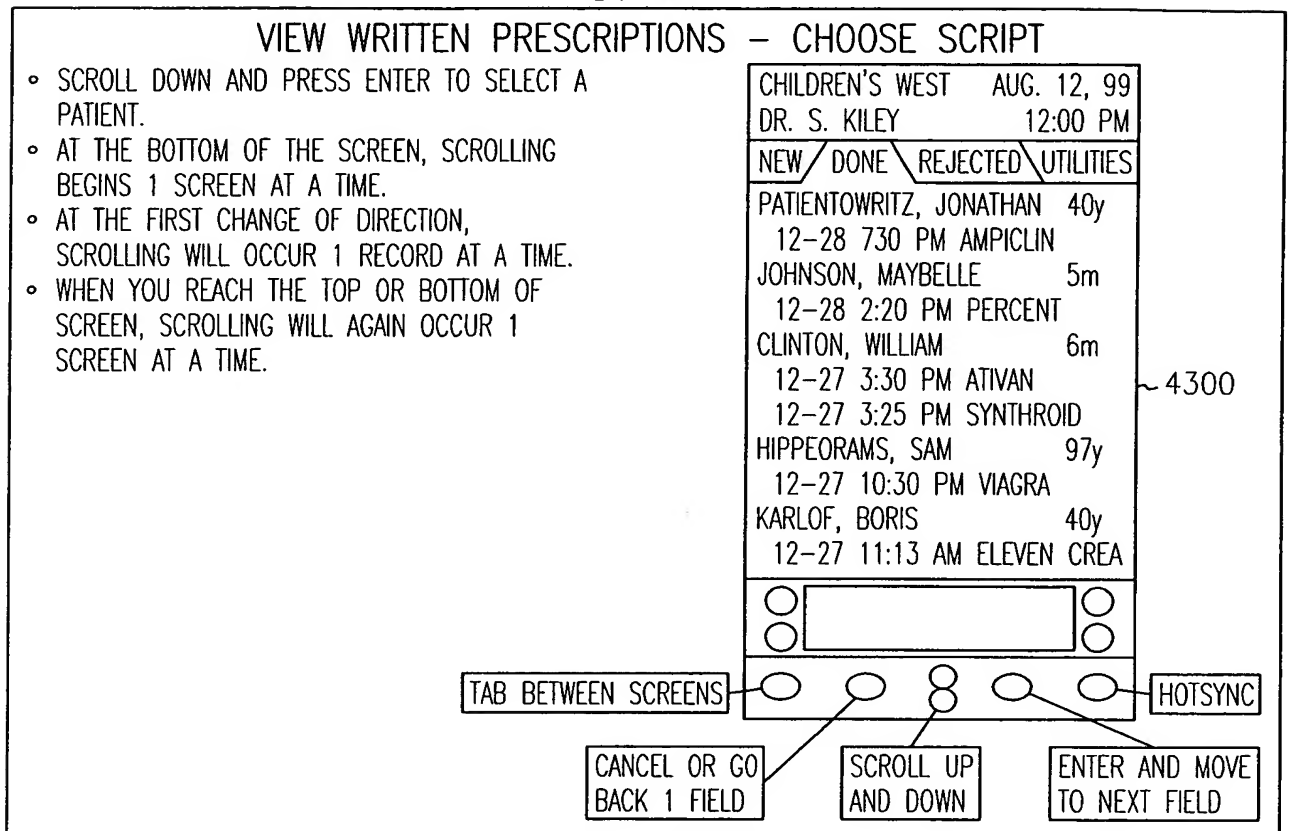


FIG. 26D

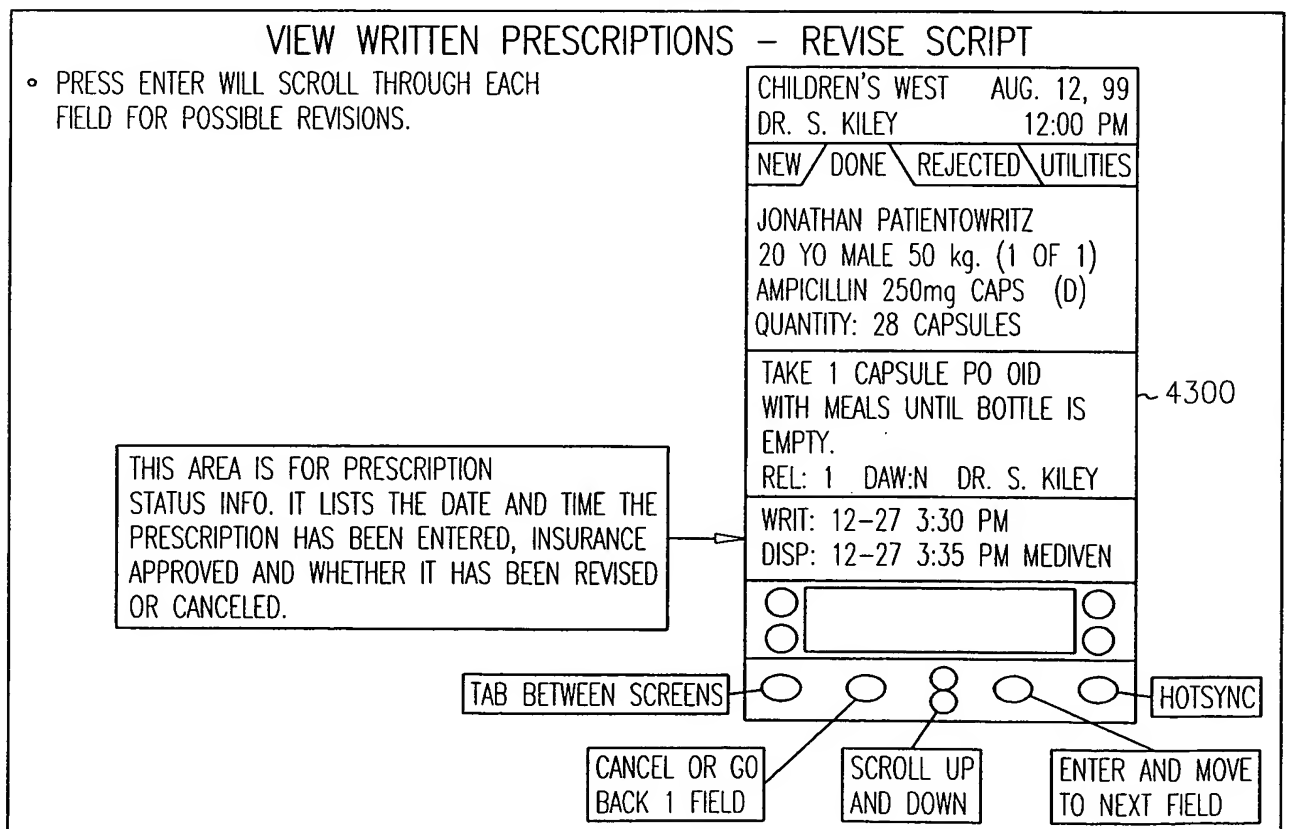


FIG. 26E

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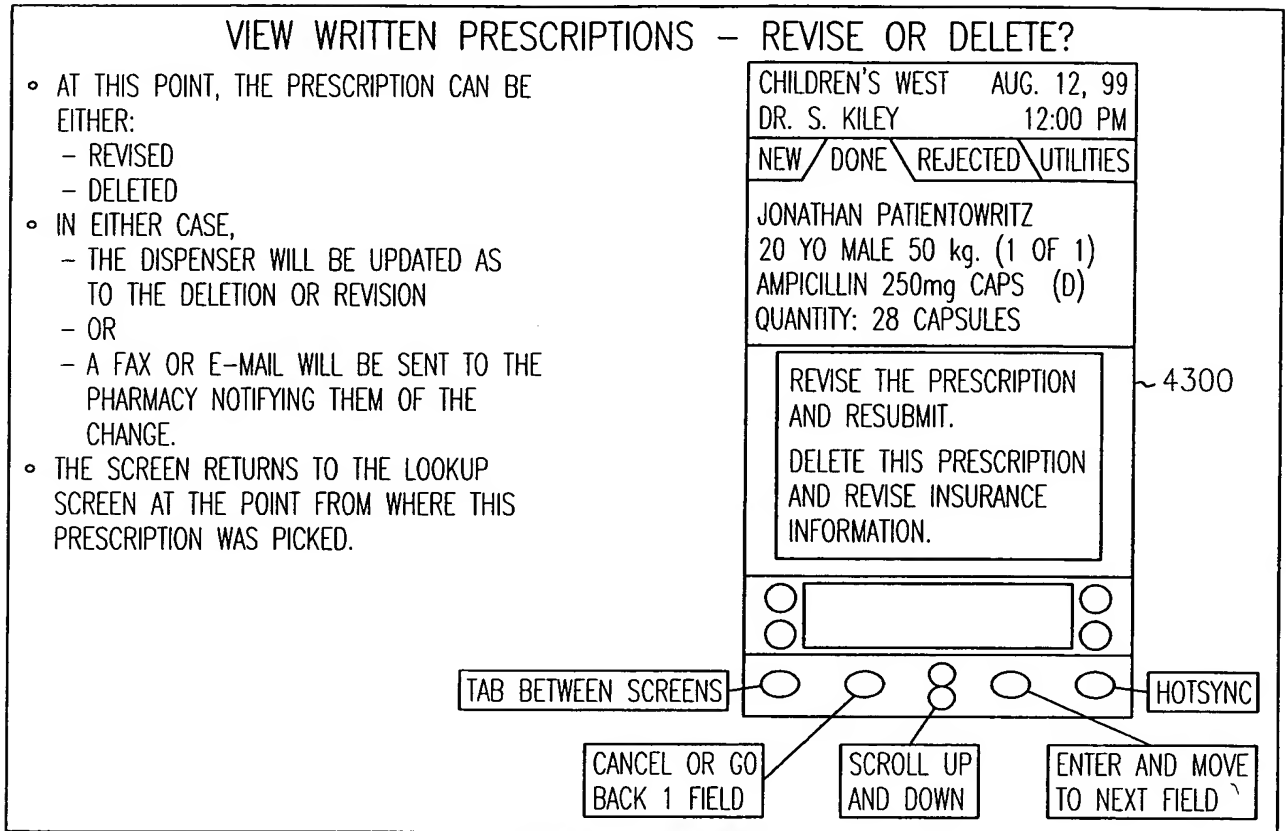


FIG. 26F

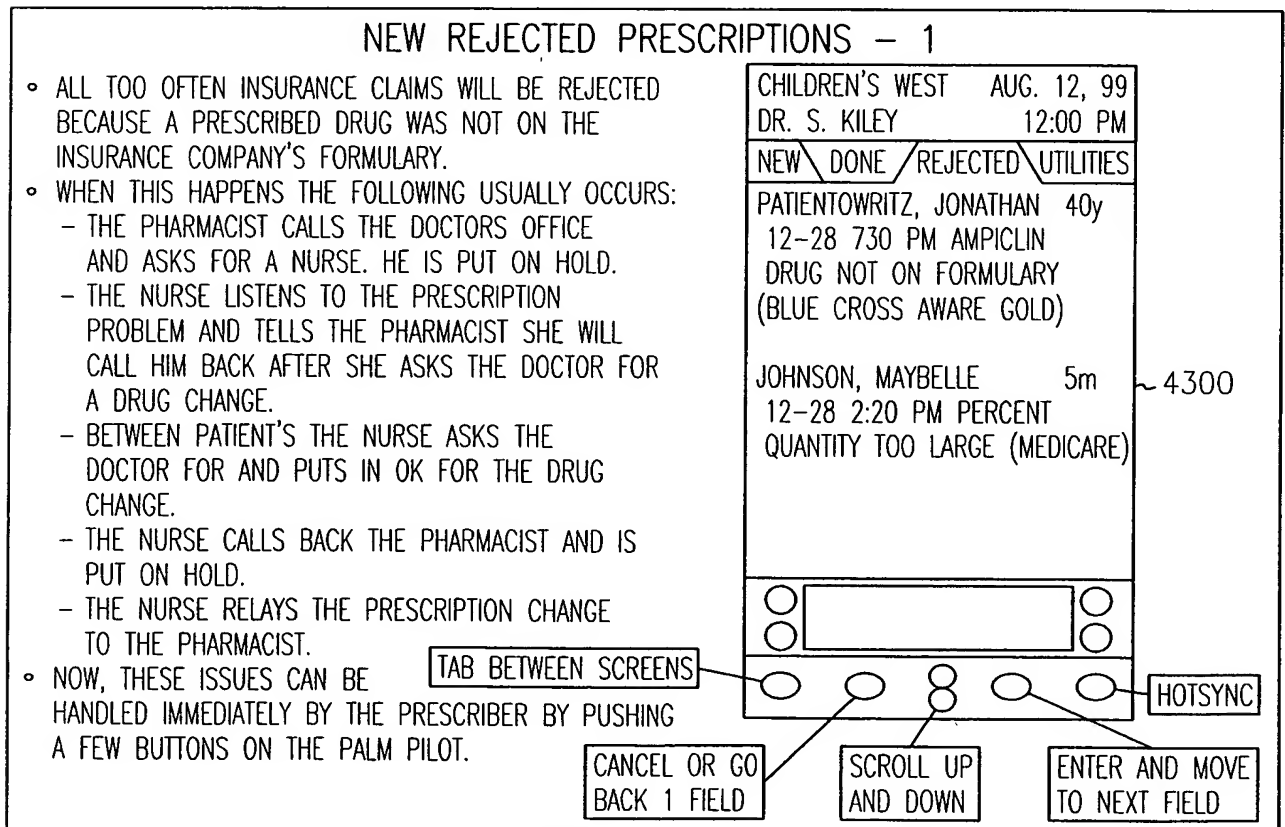


FIG. 27A

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### NEW REJECTED PRESCRIPTIONS - 2

- SCROLL DOWN THE LIST OF REJECTED INSURANCE CLAIMS, AND PRESS ENTER TO VIEW, OR MODIFY THE PRESCRIPTION.
- AFTER PRESCRIPTION REVISION, THE PRESCRIPTION WILL BE EITHER:
  - MADE AVAILABLE TO THE PATIENT FROM THE DISPENSER OR
  - FAXED OR E-MAILED TO THE PHARMACY.
- THE REMAINDER OF THE PROGRAM TO HANDLE REJECTED INSURANCE CLAIMS IS IDENTICAL TO THAT FOR REVISING PRESCRIPTIONS.
- INSURANCE CLAIMS REJECTED FOR REASONS SUCH AS AN INVALID INSURANCE PLAN NUMBER WILL APPEAR ON THE OFFICE PC, BUT WILL NOT APPEAR TO THE PRESCRIBER.

CHILDREN'S WEST		AUG. 12, 99	
DR. S. KILEY		12:00 PM	
NEW	DONE	REJECTED	UTILITIES
PATIENTOWRITZ, JONATHAN		40y	
12-28 730 PM AMPICLIN			
DRUG NOT ON FORMULARY (BLUE CROSS AWARE GOLD)			
JOHNSON, MAYBELLE		5m	
12-28 2:20 PM PERCENT			
QUANTITY TOO LARGE (MEDICARE)			

~ 4300

TAB BETWEEN SCREENS

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSYNC

FIG. 27B

### UTILITIES MENU

- CHOOSE ONE OF THE FOLLOWING:
  - LOGIN/LOGOUT LOGIN HISTORY
  - DO MAJOR HOTSYNC

CHILDREN'S WEST		AUG. 12, 99	
DR. S. KILEY		12:00 PM	
NEW	DONE	REJECTED	UTILITIES
LOGIN/LOGOUT			
LOGIN/LOGOUT HISTORY			
FULL HOTSYNC (PERFORM DAILY UPON ARRIVING)			
OPTIONS			

~ 4300

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

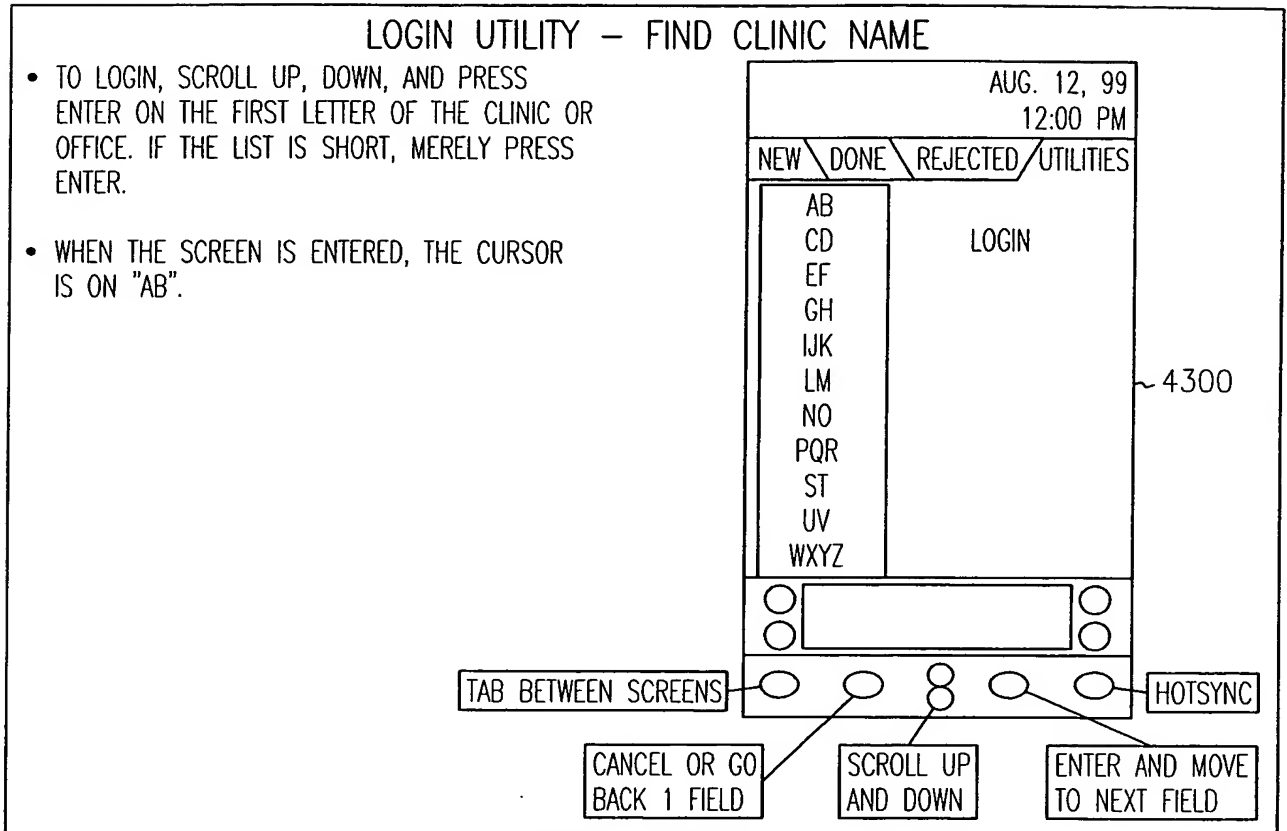
ENTER AND MOVE TO NEXT FIELD

HOTSYNC

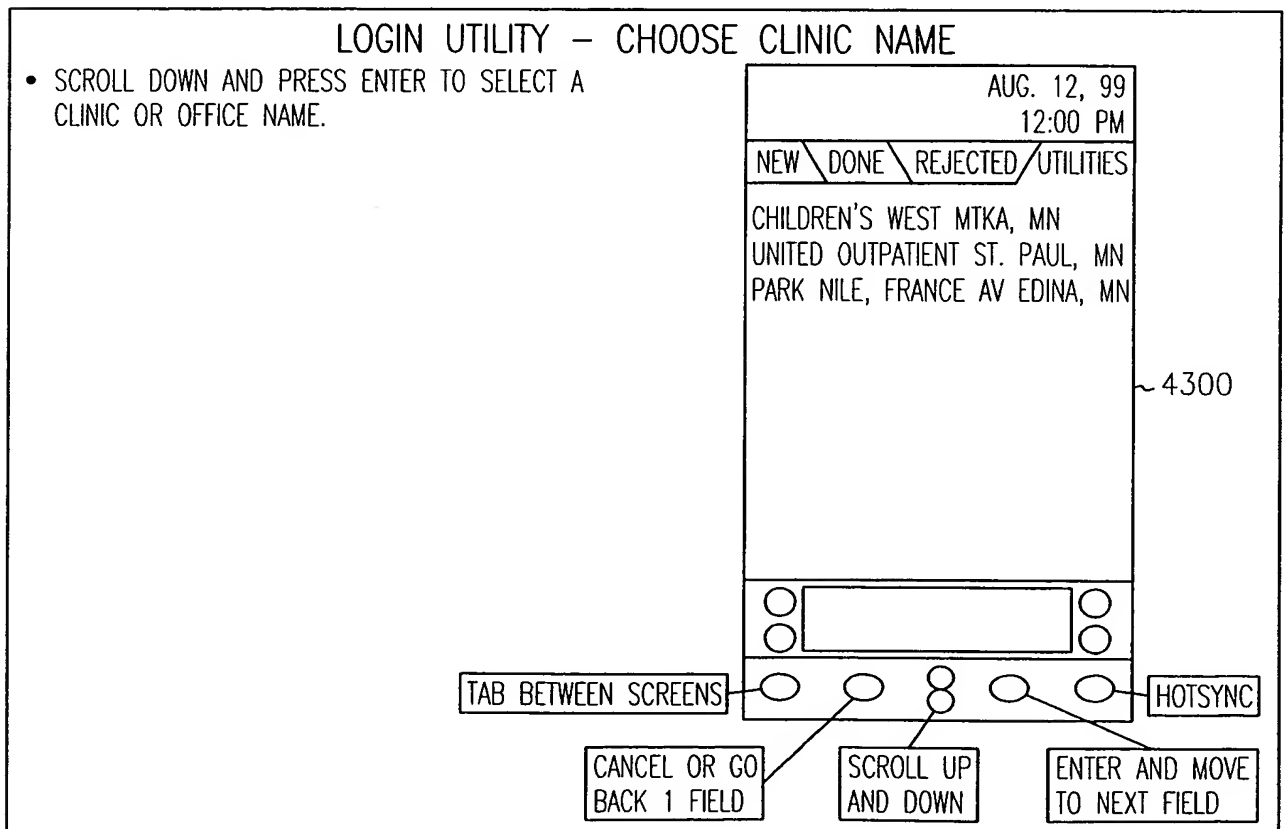
FIG. 27C



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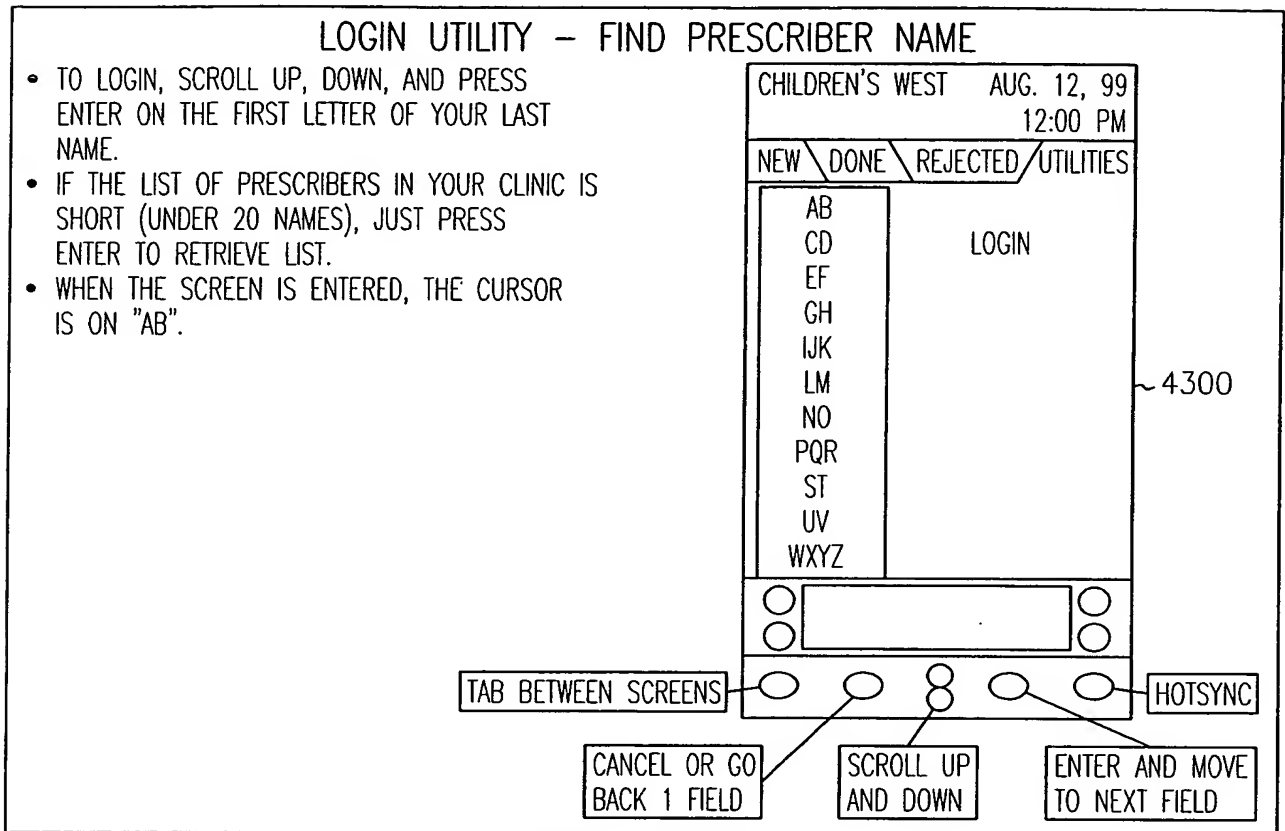


**FIG. 27D**

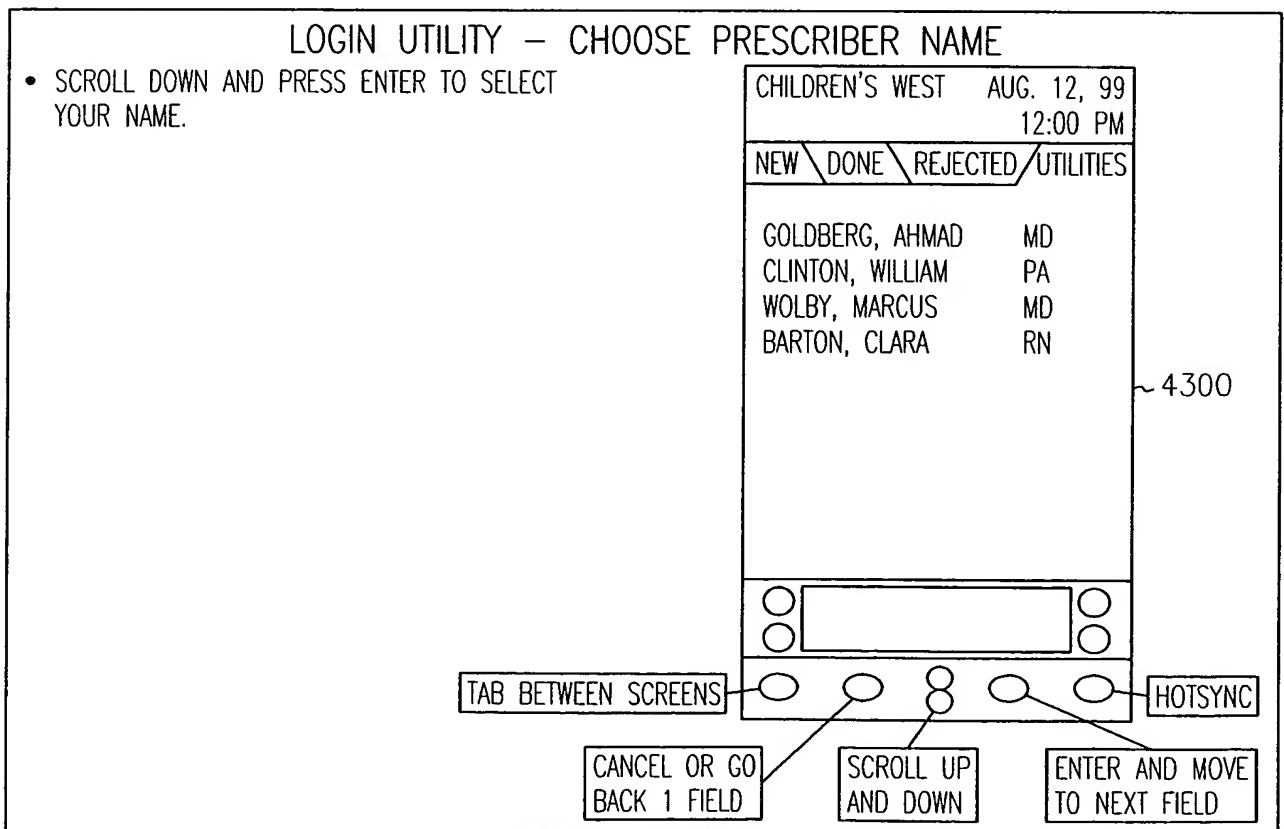


**FIG. 27E**

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**FIG. 27F**



**FIG. 28A**

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**LOGIN UTILITY - ENTER PASSWORD**

- THE PASSWORD IS ENTERED BY PRESSING THE CORRECT COMBINATION OF THE FOUR BUTTONS AT THE BOTTOM OF THE PALM PILOT. STARTING AT THE LEFT. THE BUTTONS REPRESENT NUMBER 1 THROUGH 4.

CHILDREN'S WESTAUG. 12, 99

12:00 PM

NEWDONEREJECTEDUTILITIES

PASSWORD ENTRY  
GOLDBERG, AHMAD MD

○  
○

○  
○

○  
○

○  
○

TAB BETWEEN SCREENS

CANCEL OR GO  
BACK 1 FIELD

SCROLL UP  
AND DOWN

ENTER AND MOVE  
TO NEXT FIELD

HOTSYNC

~ 4300

**FIG. 28B**

**LOGIN UTILITY - ENTER DIGITAL SIGNATURE**

- ENTER YOUR SIGNATURE IN THE BOX. THIS SIGNATURE WILL APPEAR ON ALL PRESCRIPTIONS. ALL CONTROLLED DRUGS WILL ALSO NEED AN ORIGINAL SIGNATURE BY YOU OR AN AUTHORIZED STAFF MEMBER (RN).
- THIS SIGNATURE IS DELETED FROM THE PALM PILOT'S MEMORY EACH TIME YOU LOG OUT.

CHILDREN'S WESTAUG. 12, 99

A. GOLDBERG MD 12:00 PM

NEWDONEREJECTEDUTILITIES

GOLDBERG, AHMAD MD  
LICENSE #  
DEA #  
PLEASE ENTER YOUR SIGNATURE  
IN THE BOX BELOW. IT WILL BE  
DELETED EACH TIME YOU  
LOG OUT.

○  
○

○  
○

○  
○

○  
○

TAB BETWEEN SCREENS

CANCEL OR GO  
BACK 1 FIELD

SCROLL UP  
AND DOWN

ENTER AND MOVE  
TO NEXT FIELD

HOTSYNC

~ 4300

**FIG. 28C**

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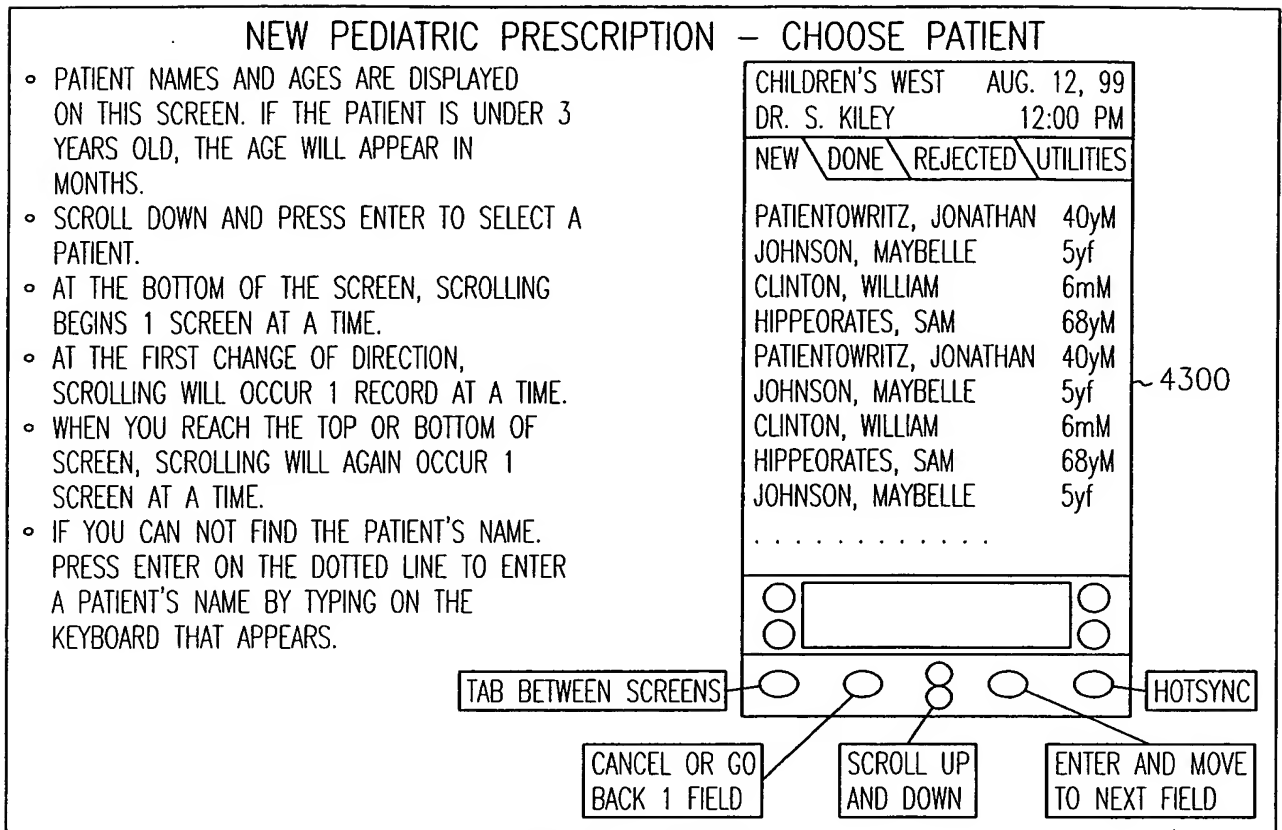


FIG. 28D

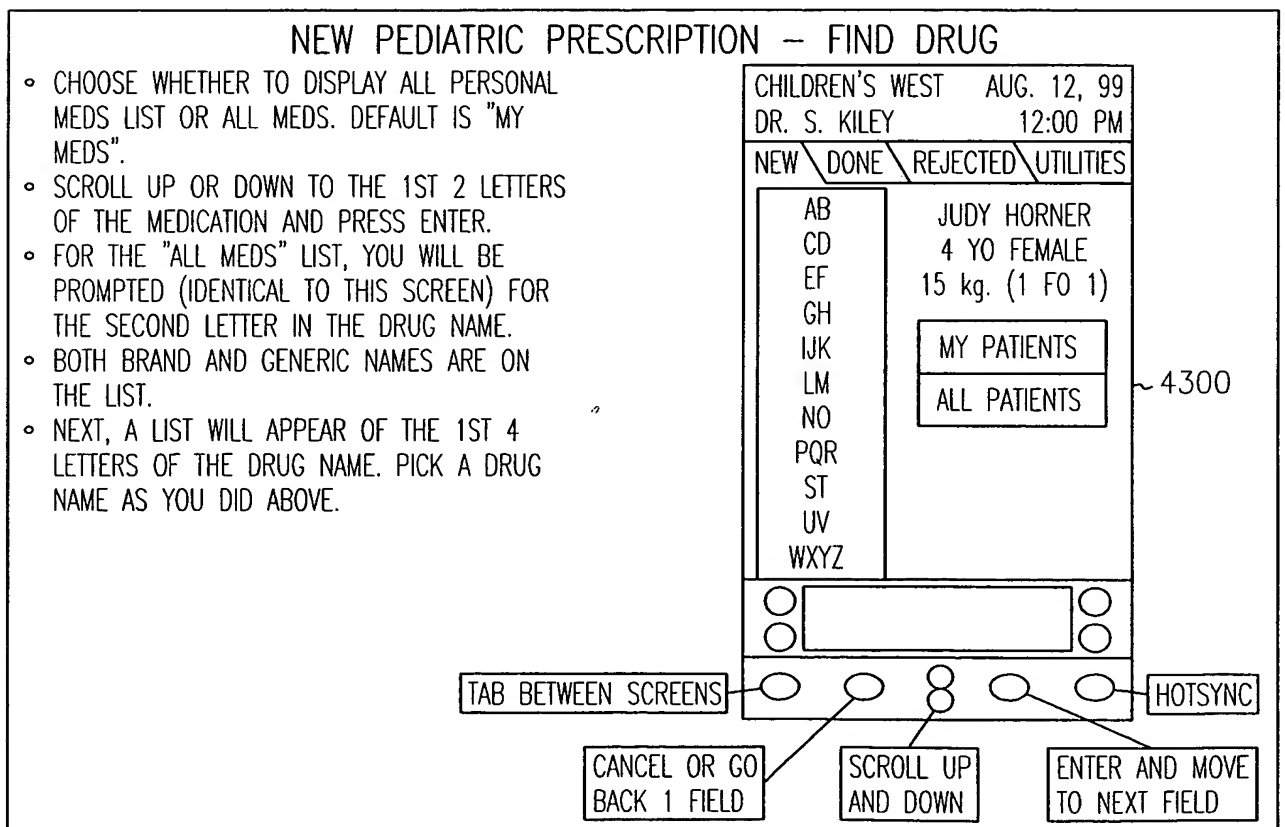


FIG. 28E

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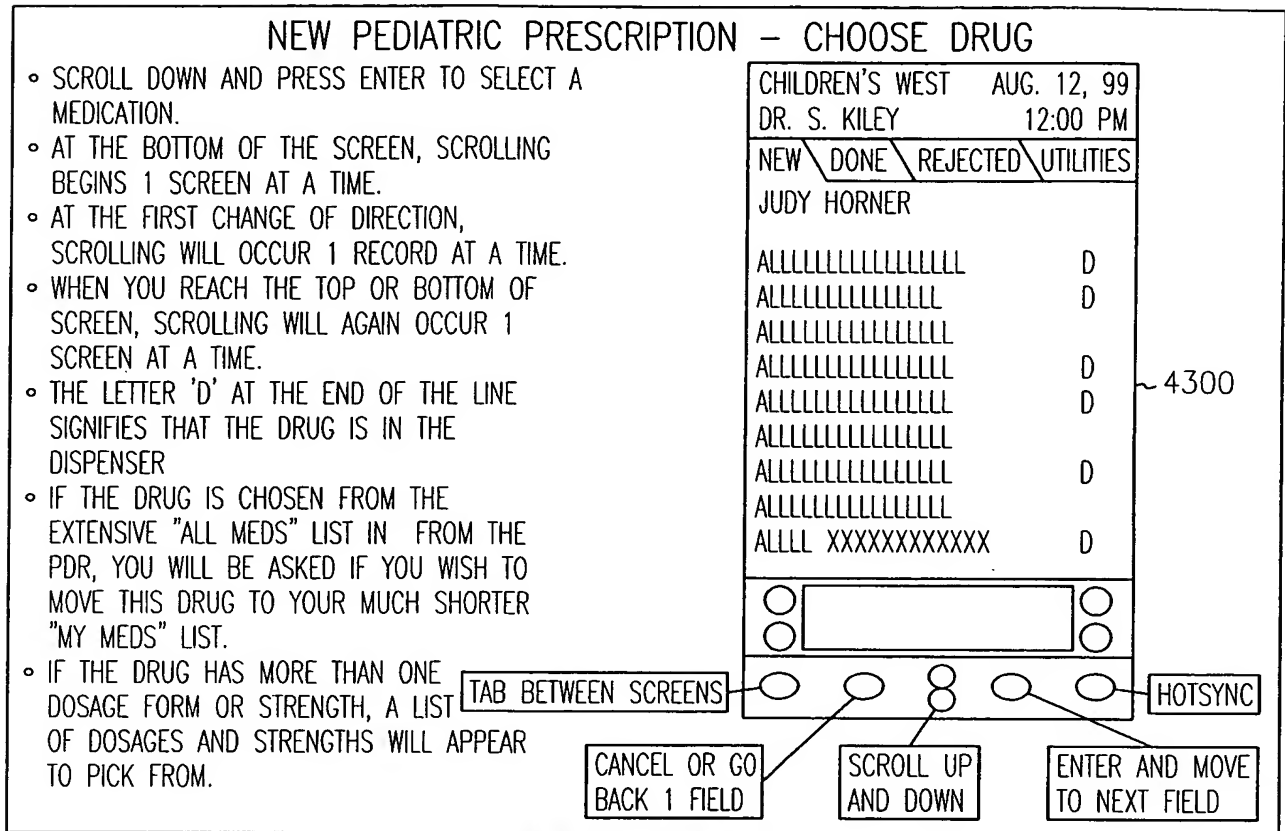


FIG. 28F

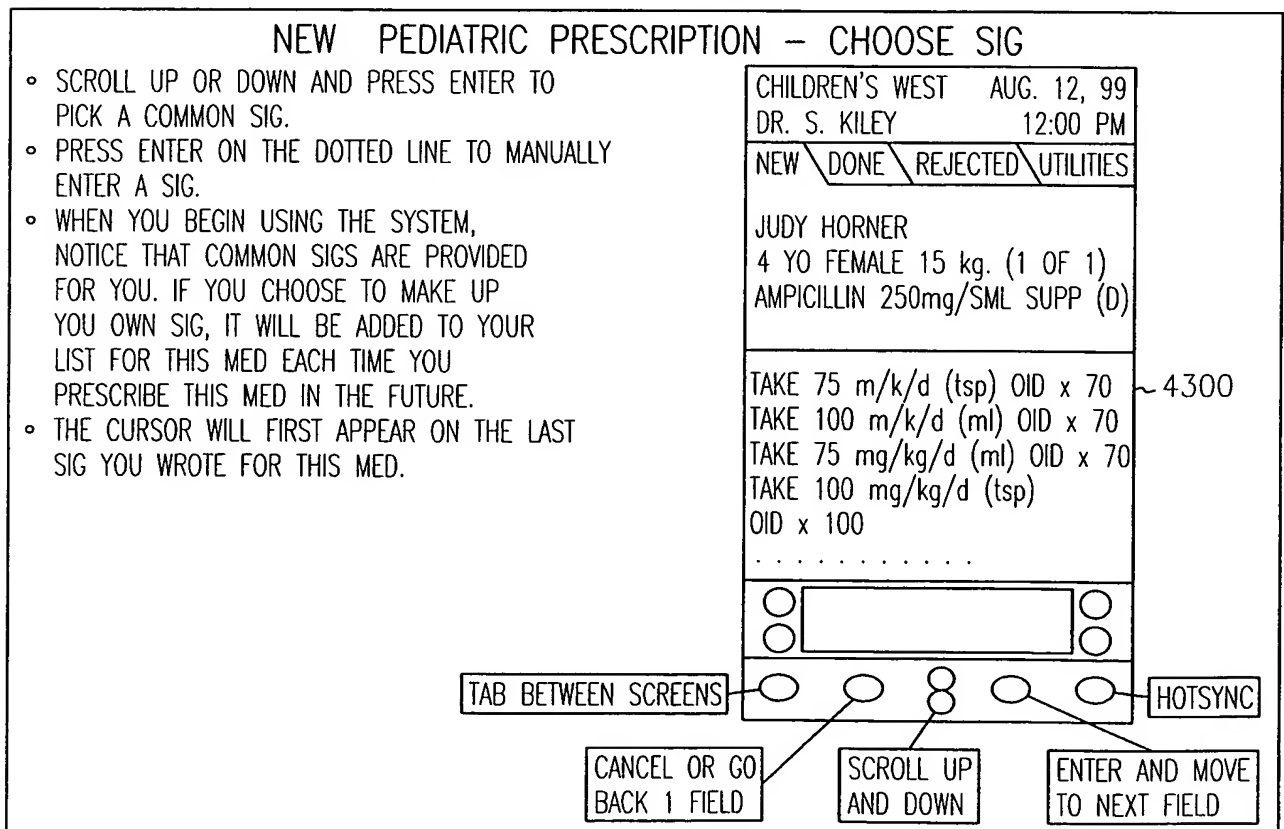


FIG. 29A

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**NEW PEDIATRIC PRESCRIPTION - CHOOSE # OF REFILLS AND DAW?**

- SCROLL UP OR DOWN TO PICK THE NUMBER OF AUTHORIZED REFILL. THE DEFAULT IS ZERO
- IF X REFILLS ARE AUTHORIZED AND THE PRESCRIPTION IS DISPENSED FROM THE DISPENSER, A PAPER SUBSCRIPTION WILL PRINT AUTHORIZING (X-1) REFILLS AND IT WILL BE NOTED THAT THE ORIGINAL WAS DISPENSED FROM THE DISPENSER.
- SCROLL DOWN AND PRESS ENTER IF YOU WANT THE MEDICATION DAW (DISPENSED AS WRITTEN). THE DEFAULT IS "NO".

CHILDREN'S WEST		AUG. 12, 99	
DR. S. KILEY		12:00 PM	
NEW / DONE / REJECTED / UTILITIES			
JUDY HORNER			
5 YO FEMALE 15 kg. (1 OF 1)			
AMPICILLIN 250mg/SML SUPP (D)			
TAKE 1-1/4 TEASPOONS FOUR TIMES A DAY FOR 7 DAYS			
REFILLS		0	DAW
		11	

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSYNC

4300

FIG. 29B

**NEW PEDIATRIC PRESCRIPTION - PICK QUANTITY**

- THE PROPER TOTAL DRUG AMOUNT WILL BE CALCULATED. SCROLL DOWN AND PRESS ENTER TO SELECT A STANDARD OR PERSONAL QUANTITY FOR THIS MED. A "D" AFTER THE NUMBER INDICATES THAT THIS QUANTITY IS IN THE DISPENSER.
- THE CORRECT AMOUNT WILL BE CALCULATED AND THE CURSOR WILL BE ON THIS SIZED CONTAINER, OR THE NEXT LARGER SIZED CONTAINER IN THE DISPENSER.
- IF YOU PICK A LARGER AMOUNT THAN IS AVAILABLE. 2 BOTTLES MAY BE DISPENSED.
- PRESS ENTER ON THE DOTTED LINE TO PICK A DIFFERENT QUANTITY.

CHILDREN'S WEST		AUG. 12, 99	
DR. S. KILEY		12:00 PM	
NEW / DONE / REJECTED / UTILITIES			
JUDY HORNER			
4 YO FEMALE 15 kg. (1 OF 1)			
AMPICILLIN 250mg/SML SUPP (D)			
QUANTITY:			
80	D		
100	D		
150	D		
230	D		
250	D		
300	D		
...			

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSYNC

4300

FIG. 29C

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**NEW PRESCRIPTION – WRITE ANOTHER FOR THIS PATIENT?**

- PRESS ENTER IF THIS IS THE LAST PRESCRIPTION FOR THIS PATIENT.
- SCROLL DOWN AND PRESS ENTER IF YOU WISH TO WRITE ANOTHER PRESCRIPTION FOR THIS PATIENT.

CHILDREN'S WEST    AUG. 12, 99  
 DR. S. KILEY                      12:00 PM

NEW \ DONE \ REJECTED \ UTILITIES

JONATHAN PATIENTOWRITZ  
 20 YO MALE 50 kg. (1 OF 1)  
 AMPICILLIN 250mg CAPS (D)  
 QUANTITY: 28

SAVE AND WRITE ANOTHER FOR THIS PATIENT

SAVE AND FINISH

CANCEL

~ 4300

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSYNC

FIG. 29D

**NEW PRESCRIPTION – CHOOSE HOW TO DISPENSE**

- HAVE PRESCRIPTION PRINTED OUT AT DISPENSING MACHINE IN WAITING ROOM..
- HAVE MEDICINE DISPENSED AT DISPENSER. PATIENT CAN CHANGE HIS MIND LATER.
- AUTOMATICALLY FAX OR E-MAIL PRESCRIPTION TO A PHARMACY.
- CANCEL PRESCRIPTION.
- (CURSOR DEFAULTS TO "DISPENSE AT DISPENSER:)

CHILDREN'S WEST    AUG. 12, 99  
 DR. S. KILEY                      12:00 PM

NEW \ DONE \ REJECTED \ UTILITIES

JONATHAN PATIENTOWRITZ  
 20 YO MALE 50 kg. (1 OF 1)  
 AMPICILLIN 250mg CAPS (D)  
 QUANTITY: 28 CAPSULES

PRINT PRESCRIPTION (2)  
 (2 DRUGS IN DISPENSER)

FAX OR E-MAIL

CANCEL

~ 4300

TAB BETWEEN SCREENS

CANCEL OR GO BACK 1 FIELD

SCROLL UP AND DOWN

ENTER AND MOVE TO NEXT FIELD

HOTSYNC

FIG. 29E

40/40

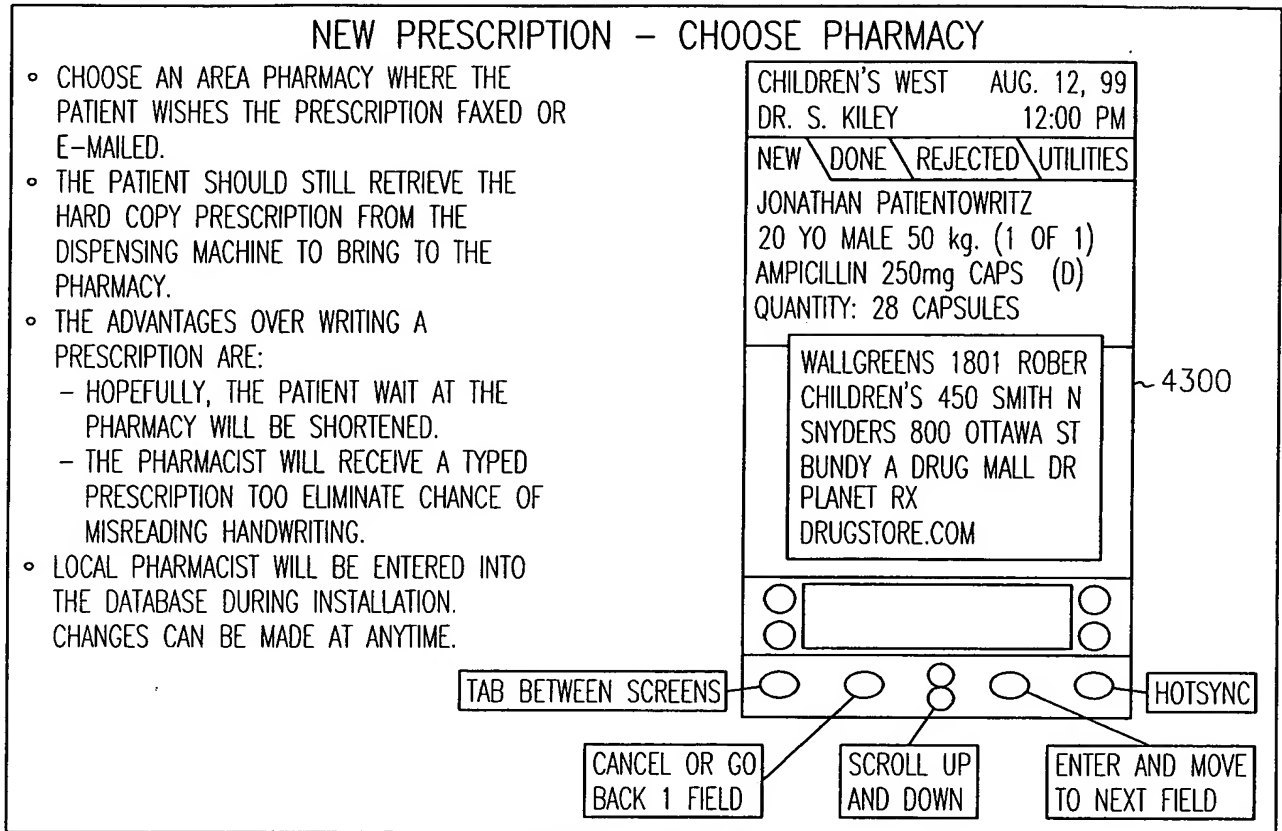


FIG. 29F

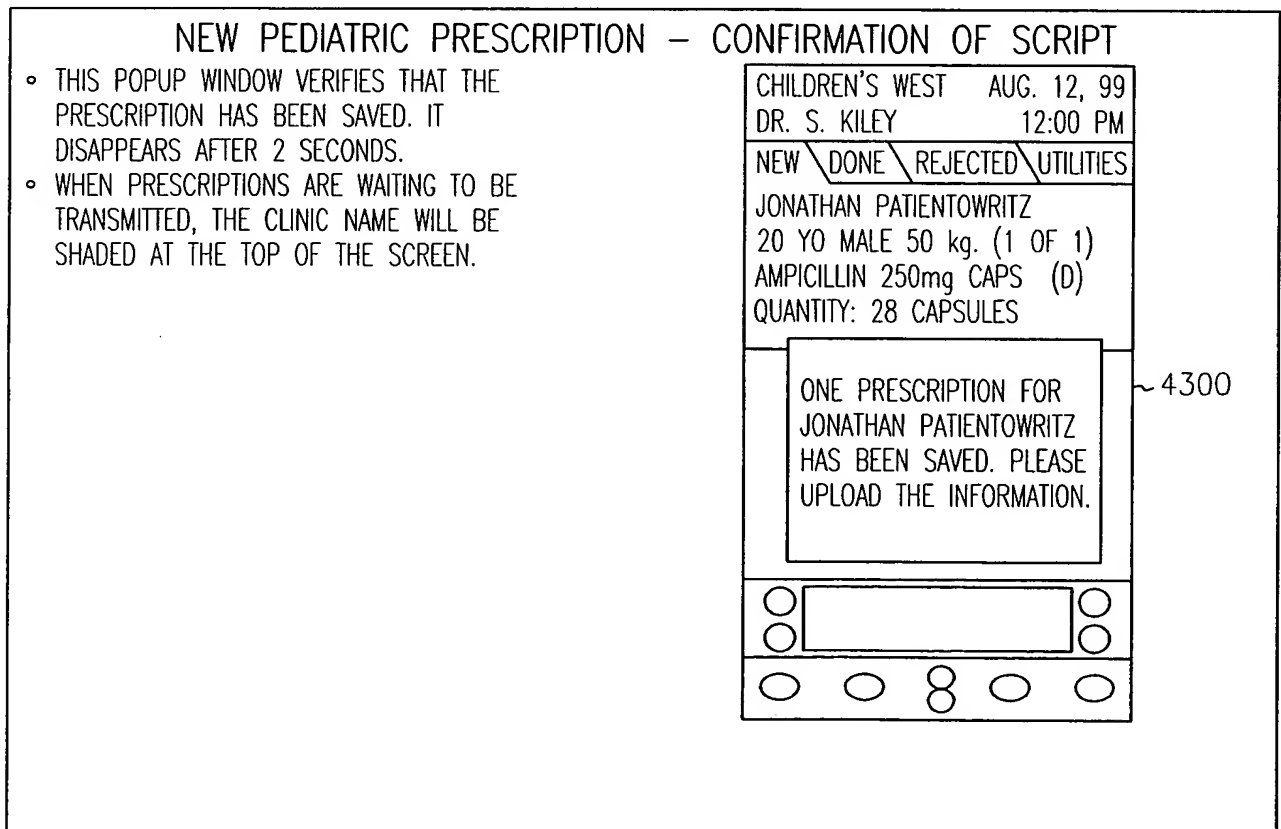


FIG. 30